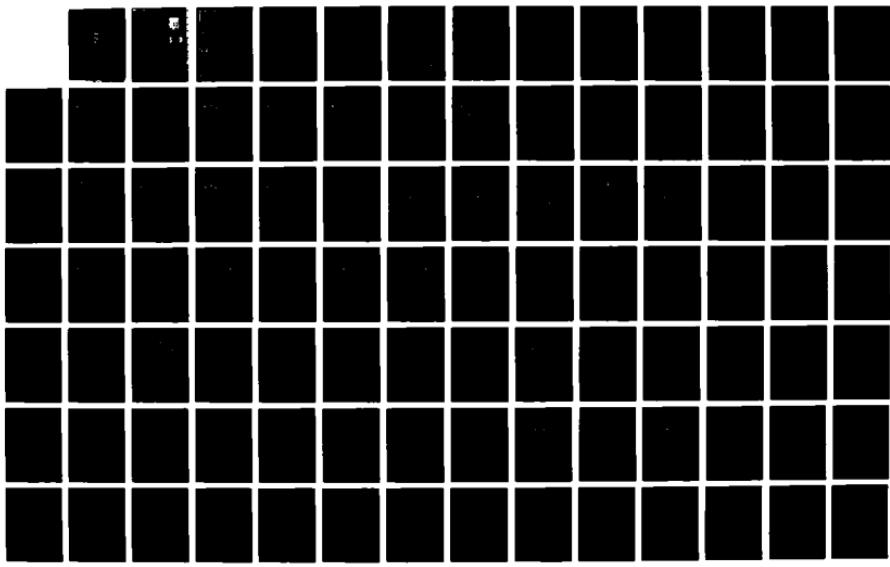
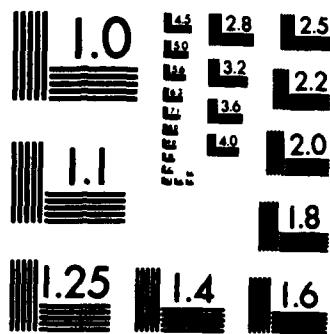


AD-M101 705 INTEGRATED INFORMATION SUPPORT SYSTEM (I.I.S.S.) VOLUME 5 1/5
COMMON DATA MODEL S. (U) GENERAL ELECTRIC CO
SCHENECTADY NY PRODUCTION RESOURCES CONSUL.
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

DTIC FILE COPY

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AFVAL-TR-86-4006
Volume V
Part 6

AD-A181 705



INTEGRATED INFORMATION
SUPPORT SYSTEM (IISS)
Volume V - Common Data Model Subsystem
Part 6 - MDDL Processor Product Specification
Section 3.10.9 through 4.2

General Electric Company
Production Resources Consulting
One River Road
Schenectady, New York 12345

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Final Report for Period 22 September 1980 - 31 July 1985

November 1985

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MATERIALS LABORATORY
AIR FORCE WRIGHT AERONAUTICAL LABORATORIES
AIR FORCE SYSTEMS COMMAND
WRIGHT-PATTERSON AFB, OH 45433-6533

87 6 24 038

Unclassified

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Vol V - Common Data Model Subsystem
Part 6 - NDDL Processor Product Specification
Section 3.10.9 through 4.2

A S D 86 1481
17 Jul 1986



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Distribution / _____	
Availability Codes	
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PS 620141100
1 November 1985

PREFACE

This product specification covers the work performed under Air Force Contract F33615-80-C-5155 (ICAM Project 6201). This contract is sponsored by the Materials Laboratory, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio. It was administered under the technical direction of Mr. Gerald C. Shumaker, ICAM Program Manager, Manufacturing Technology Division, through Project Manager, Mr. David Judson. The Prime Contractor was Production Resources Consulting of the General Electric Company, Schenectady, New York, under the direction of Mr. Alan Rubenstein. The General Electric Project Manager was Mr. Myron Hurlbut of Industrial Automation Systems Department, Albany, New York.

Certain work aimed at improving Test Bed Technology has been performed by other contracts with Project 6201 performing integrating functions. This work consisted of enhancements to Test Bed software and establishment and operation of Test Bed hardware and communications for developers and other users. Documentation relating to the Test Bed from all of these contractors and projects have been integrated under Project 6201 for publication and treatment as an integrated set of documents. The particular contributors to each document are noted on the Report Documentation Page (DD1473). A listing and description of the entire project documentation system and how they are related is contained in document FTR620100001, Project Overview.

The subcontractors and their contributing activities were as follows:

TASK 4.2

<u>Subcontractors</u>	<u>Role</u>
Boeing Military Aircraft Company (BMAC)	Reviewer
D. Appleton Company (DACOM)	Responsible for IDEF support, state-of-the-art literature search
General Dynamics/ Ft. Worth	Responsible for factory view function and information models

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<u>Subcontractors</u>	<u>Role</u>
Illinois Institute of Technology	Responsible for factory view function research (IITRI) and information models of small and medium-size business
North American Rockwell	Reviewer
Northrop Corporation	Responsible for factory view function and information models
Pritzker and Associates	Responsible for IDEF2 support
SofTech	Responsible for IDEFO support

TASKS 4.3 - 4.9 (TEST BED)

<u>Subcontractors</u>	<u>Role</u>
Boeing Military Aircraft Company (BMAC)	Responsible for consultation on applications of the technology and on IBM computer technology.
Computer Technology Associates (CTA)	Assisted in the areas of communications systems, system design and integration methodology, and design of the Network Transaction Manager.
Control Data Corporation (CDC)	Responsible for the Common Data Model (CDM) implementation and part of the CDM design (shared with DACOM).
D. Appleton Company (DACOM)	Responsible for the overall CDM Subsystem design integration and test plan, as well as part of the design of the CDM (shared with CDC). DACOM also developed the Integration Methodology and did the schema mappings for the Application Subsystems.

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<u>Subcontractors</u>	<u>Role</u>	
Digital Equipment Corporation (DEC)	Consulting and support of the performance testing and on DEC software and computer systems operation.	
McDonnell Douglas Automation Company (McAuto)	Responsible for the support and enhancements to the Network Transaction Manager Subsystem during 1984/1985 period.	
On-Line Software International (OSI)	Responsible for programming the Communications Subsystem on the IBM and for consulting on the IBM.	
Rath and Strong Systems Products (RSSP) (In 1985 became McCormack & Dodge)	Responsible for assistance in the implementation and use of the MRP II package (PIOS) that they supplied.	
SofTech, Inc.	Responsible for the design and implementation of the Network Transaction Manager (NTM) in 1981/1984 period.	
Software Performance Engineering (SPE)	Responsible for directing the work on performance evaluation and analysis.	
Structural Dynamics Research Corporation (SDRC)	Responsible for the User Interface and Virtual Terminal Interface Subsystems.	
Other prime contractors under other projects who have contributed to Test Bed Technology, their contributing activities and responsible projects are as follows:		
<u>Contractors</u>	<u>ICAN Project</u>	<u>Contributing Activities</u>
Boeing Military Aircraft Company (BMAC)	1701, 2201, 2202	Enhancements for IBM node use. Technology Transfer to Integrated Sheet Metal Center (ISMС)

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<u>Contractors</u>	<u>ICAM Project</u>	<u>Contributing Activities</u>
Control Data Corporation (CDC)	1502, 1701	IISS enhancements to Common Data Model Processor (CDMP)
D. Appleton Company (DAACOM)	1502	IISS enhancements to Integration Methodology
General Electric	1502	Operation of the Test Bed and communications equipment.
Hughes Aircraft Company (HAC)	1701	Test Bed enhancements
Structural Dynamics Research Corporation (SDRC)	1502, 1701, 1703	IISS enhancements to User Interface/Virtual Terminal Interface (UI/VTI)
Systran	1502	Test Bed enhancements. Operation of Test Bed.

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FOREWORD

This is the fourth bound segment of four comprising Volume V, Part 6 of the Final Technical Report. It contains Section 3.10.9 through 4.2.

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3.10.9 Include File Descriptions

The following list contains a purpose and description of each include file listed in 3.10.4 as specified in the source code. The language it is written in is also given.

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1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: CHKMODL

PURPOSE: DETERMINE IF CURRENT MODEL EXISTS FOR A SESSION

LANGUAGE: VAX-11 COBOL

DESCRIPTION:

DETERMINE IF THE GLOBAL VARIABLE MODEL-NO HAS A CURRENT
MODEL NUMBER. THIS WILL BE SET BY THE CREATE MODEL OR THE
ALTER MODEL COMMAND PROCESSOR. IF MODEL-NO CONTAINS
A ZERO, THEN A CURRENT MODEL HAS NOT BEEN ESTABLISHED

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: CMDS

PURPOSE: COMMAND NO. FOR EACH NDDL/NDML COMMAND

LANGUAGE: C

DESCRIPTION:

DESCRIPTION

CONTAINS THE UNIQUE COMMAND NUMBER FOR EACH NDDL AND NDML COMMAND. THIS NUMBER IS USED IN PROCESSING TO DETERMINE THE APPROPRIATE PROCESSOR TO EXECUTE.

PG 620141100
1 November 1985

NDEL COMMAND PROCESSOR Include File Description

FILE NAME: COPY
PURPOSE: PROCENT ERROR INCLUDE FILE
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

PS 000141100
1 November 1985

MDL COMMAND PROCESSOR Include File Description

FILE NAME: ECLIST

PURPOSE: CONTAINS A LIST OF ENTITY CLASS NUMBERS

LANGUAGE: VAX-11 COBOL

DESCRIPTION:

THIS LIST IS USED WHEN PROCESSING MDL
MODELING COMMANDS

PS 620141100
1 November 1985

EDDL COMMAND PROCESSOR Include File Description

FILE NAME: ERPRO
PURPOSE: PROCESS ERROR INCLUDE FILE
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

PS 620141100
1 November 1985

NIDL COMMAND PROCESSOR Include File Description

FILE NAME: FPCODE
PURPOSE: FORM PROCESSOR RETURN CODES
LANGUAGE: C

DESCRIPTION:

PS 620141100
1 November 1985

NODEL COMMAND PROCESSOR Include File Description

FILE NAME: PPPARM
PURPOSE: FORM PROCESSOR PARAMETERS
LANGUAGE: C

DESCRIPTION:

DESCRIPTION: THESE DATA DEFINITIONS ARE USED
IN THE FORM PROCESSOR ROUTINES.

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: KCLIST
PURPOSE: PROCESS ERROR INCLUDE FILE
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: KEYLIST

PURPOSE: DATA STRUCTURE FOR NDDL MODELLING COMMANDS

LANGUAGE: C

DESCRIPTION:

**-----
DESCRIPTION**

DATA STRUCTURE THAT HOLDS ENTITIES ITS KEY CLASSES AND KEY CLASS MEMBERS. THIS STRUCTURE IS USED FOR THE NDDL MODELLING COMMANDS.

PS 620141100
1 November 1985

MDDL COMMAND PROCESSOR Include File Description

FILE NAME: KWDTBL
PURPOSE: KEYWORD TABLE
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

**LIST OF KEYWORDS, OBJECT NUMBER, KEYWORD NUMBER
BELONGING IN THE MODEL**

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1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: LISTID
PURPOSE: PROVIDES LIST OF PARSED OBJECTS
LANGUAGE: C

DESCRIPTION:

DESCRIPTION

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: LISTMOS
PURPOSE: VALID LIST NUMBERS
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

**LISTMOS INCLUDE FILE WILL CONTAIN THE LIST NUMBERS FOR THE
TOKENS OF THE NDDL COMMANDS**

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: LISTREL
PURPOSE: LIST OF RELATIONS
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

TABLE HOLDS RELATIONS CLASS NUMBERS AND NAMES

PS 620141100
1 November 1985

NDDL COMMAND PROCESSOR Include File Description

FILE NAME: LISTS

PURPOSE: PROVIDES THE DIMENSIONS OF THE NDDL LISTS

LANGUAGE: C

DESCRIPTION:

DESCRIPTION

PS 620141100
1 November 1985

MDDL COMMAND PROCESSOR Include File Description

FILE NAME: MDDL
PURPOSE: **** PURPOSE NOT FOUND BY STRIPPER ****
LANGUAGE: C

DESCRIPTION:

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1 November 1965

MDDL COMMAND PROCESSOR Include File Description

FILE NAME: MDDLEXY

PURPOSE: **** PURPOSE NOT FOUND BY STRIPPER ****

LANGUAGE: C

DESCRIPTION:

PS 620141100
1 November 1985

NDCL COMMAND PROCESSOR Include File Description

FILE NAME: OK
PURPOSE: GOOD RETURN CODE VALUE FOR UI
LANGUAGE: C

DESCRIPTION:

DESCRIPTION

CONTAINS THE VALUE FOR A GOOD RETURN CODE
FROM THE USER INTERFACE

PS 020141100
1 November 1985

NDCL COMMAND PROCESSOR Include File Description

FILE NAME: ORCLEDA

PURPOSE: WS DEFINITION FOR THE ORACLE LOGIN AREA

LANGUAGE: VAX-11 COBOL

DESCRIPTION:

THE ORACLE LOGON DATA AREA

PS 620141100
1 November 1985

NDOL COMMAND PROCESSOR Include File Description

FILE NAME: BCDEPKC

PURPOSE: LIST OF KEYS MIGRATED VIA A RELATION

LANGUAGE: VAX-11 COBOL

DESCRIPTION:

The BC-DEPKC-LIST is used by the NDOL
modeling commands to identify which key

PS 620141100
1 November 1985

MDDL COMMAND PROCESSOR Include File Description

FILE NAME: RELTEL
PURPOSE: LIST OF RELATION CLASSES IN A MODEL
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

HOLD RELATION CLASS NUMBERS BELONGING TO A MODEL

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MDDL COMMAND PROCESSOR Include File Description

FILE NAME: REMLIST

PURPOSE: LIST OF ATTRIBUTES AND INHERITED TAG PAIRS

LANGUAGE: VAX-11 COBOL

DESCRIPTION:

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MDDL COMMAND PROCESSOR Include File Description

FILE NAME: SDLIST
PURPOSE: SEC-DECOMPOSITION-LIST
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

THIS LIST REPRESENTS ALL ENTITY CLASSES AND
RELATIONS
MAKING UP EITHER THE SURROGATE ENTITY CLASS
OR THE COMBINATION OF SEC'S RESULTING FROM JOINS
IN THE MDDL SELECT STATEMENT.
THIS TABLE IS USED AS INPUT TO ROUTINE CDP4A
WHICH CAN VERIFY THE LEGALITY OF A SEC STRUCTURE

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MDDL COMMAND PROCESSOR Include File Description

FILE NAME: SRVRET

PURPOSE: AS THE RETURN GIVEN A TABLE-FULL ERROR

LANGUAGE: VAX-11 COBOL

DESCRIPTION:

MODIFIED 11/2/83 TO INCLUDE RET-CODE-5
MODIFIED 1/9/84 TO INCREASE ALL ERROR CODES TO PIC X(5)
AND TO ELIMINATE ALPHA'S
MODIFIED 1/26/84 TO ADD RET-CODE FOR GETUSR-NOT-SUCC
SRV-SUCCESSFUL ADDED FOR GENERIC RETURN
MODIFIED 2/7/84 TO ADD ERROR CODES FOR ENTRY-NOT-FOUND
MODIFIED 2/8/84 TO ADD WHTHST-NOT-SUCCESSFUL
MODIFIED 2/20/84 TO ADD TSTMOD NEW CODES.
MODIFIED 20 AUG 84 INITALIZE ALL LOCAL VARAIBLES TO
SPACES OR 0.
MODIFIED 5/21/85 TO ADD RCL AND FILGEN RETURN CODES

NDOL COMMAND PROCESSOR Include File Description

FILE NAME: STDTYP
PURPOSE: STANDARD TYPE DEFINITIONS
LANGUAGE: C

DESCRIPTION:

DESCRIPTION

THIS FILE ENSURES THAT THE FOLLOWING STANDARD TYPES ARE AVAILABLE:

FLOAT	- SINGLE PRECISION FLOAT
DOUBLE	- DOUBLE PRECISION FLOAT
LONG	- 32 BIT (OR LARGER) SIGNED INTEGER
LBITS	- 32 BITS (OR MORE) FOR BIT MANIPULATION
INT	- NATURAL SIZE SIGNED INTEGER
UNSIGNED	- NATURAL SIZE UNSIGNED INTEGER
BOOL	- NATURAL SIZE LOGICAL (ZERO / NON-ZERO ONLY)
SHORT	- 16 BIT (OR LARGER) SIGNED INTEGER
USHORT	- 16 BIT (OR LARGER) UNSIGNED INTEGER
BITS	- 16 BITS (OR MORE) FOR BIT MANIPULATION
CHAR	- SINGLE MACHINE CHARACTER (REAL CHARACTERS ALWAYS POSITIVE)
TINY	- 8 BIT (OR LARGER) SIGNED INTEGER
UTINY	- 8 BIT (OR LARGER) UNSIGNED INTEGER
TBITS	- 8 BITS (OR MORE) FOR BIT MANIPULATION
TBOOL	- 8 BIT (OR LARGER) LOGICAL (ZERO / NON-ZERO ONLY)
METACHAR	- 16 BIT (OR LARGER) AUGMENTED CHARACTER (SIGNED)
VOID	- FUNCTION THAT RETURNS NO VALUE
FORTRAN	- STORAGE CLASS FOR FOREIGN (NON-C) ROUTINES OR C ROUTINES WHICH ARE CALLABLE FROM FOREIGN ROUTINES

SINCE NOT ALL COMPILERS SUPPORT USHORT, TINY, AND UTINY,
THE FUNCTIONS

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**USMORT(), TINY(), AND UTINY() SHOULD BE USED WHENEVER
REFERENCING THEM.**

IN ADDITION, THE FOLLOWING UTILITY MACROS ARE DEFINED:

LURSHIFT(N, B)	- UNSIGNED LONG RIGHT SHIFT
MAX(A, B)	- MAXIMUM OF A AND B
MIN(A, B)	- MINIMUM OF A AND B

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NDDL COMMAND PROCESSOR Include File Description

ABS(A)	- ABSOLUTE VALUE OF A
STRASN(A, B)	- TRANSPORTABLE A - B FOR STRUCTURES
NULL	- NULL POINTER VALUE (0)
TRUE	- 1
FALSE	- 0
SUCCESS	- EXIT(SUCCESS) INDICATES SUCCESSFUL COMPLETION
FAILURE	- EXIT(FAILURE) INDICATES ERRORS

THE FOLLOWING SYMBOLS SHOULD BE DEFINED BASED ON THE
COMPILER BEING USED:

USHORT	- COMPILER SUPPORTS UNSIGNED SHORT
TINY	- COMPILER TREATS CHAR AS SIGNED
UTINY	- CHAR IS SIGNED AND COMPILER SUPPORTS UNSIGNED CHAR
VOID	- COMPILER SUPPORTS VOID
FORTRAN	- COMPILER SUPPORTS FORTRAN
STRASN	- DEFINE APPROPRIATE MACRO
SUCCESS	- DEFINE APPROPRIATE VALUE IF NOT 0
FAILURE	- DEFINE APPROPRIATE VALUE IF NOT 1

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NDDL COMMAND PROCESSOR Include File Description

FILE NAME: UNIQENO

PURPOSE: UNIQUE NUMBER ASSIGNMENTS FOR CDM OBJECTS

LANGUAGE: C

DESCRIPTION:

DESCRIPTION

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MDDL COMMAND PROCESSOR Include File Description

FILE NAME: VWDI
PURPOSE: LIST OF DATA ITEMS IN A VIEW
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

USED BY CREATE VIEW..

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NDDL COMMAND PROCESSOR Include File Description

FILE NAME: VWFROM
PURPOSE: LIST OF ENTITIES SPECIFIED IN A VIEW
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

IN THE 'FROM' CLAUSE

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MDDL COMMAND PROCESSOR Include File Description

FILE NAME: VWRC

PURPOSE: LIST OF RELATION CLASSES INHERENT TO A VIEW

LANGUAGE: VAX-11 COBOL

DESCRIPTION:

USED IN THE 'WHERE' CLAUSE

PS 620141100
1 November 1985

NIDL COMMAND PROCESSOR Include File Description

FILE NAME: VWRTR
PURPOSE: LIST OF ENTITIES AND TAGS SPECIFIED IN A VIEW
LANGUAGE: VAX-11 COBOL

DESCRIPTION:

IN THE SELECT CLAUSE

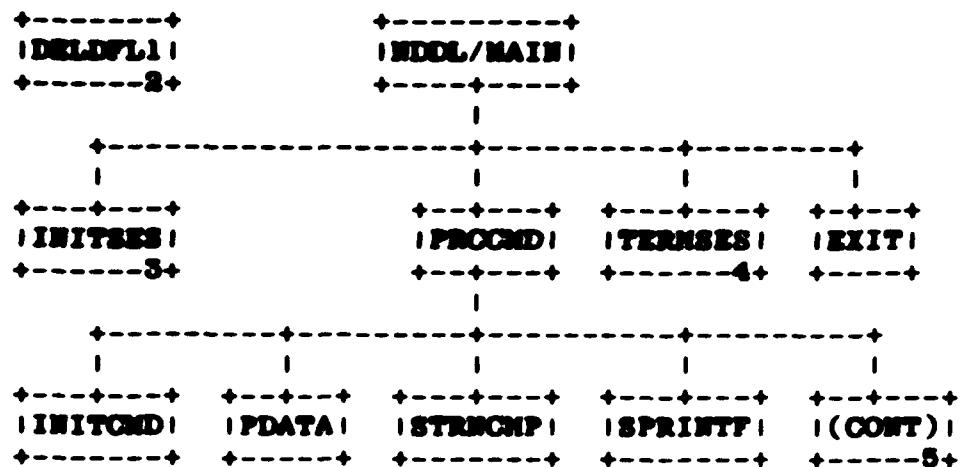
3.10.10 Hierarchy Chart

The following hierarchy charts show the relationships between all of the modules mentioned in the above documentation. A module may call a subroutine several times within its code, but the call will only be shown once as a single relationship on this hierarchy chart. All modules shown at the top of the first page are considered Main Programs as described in section 3.10.1 above.

There is an internal paging scheme as marked by the numbers in the upper right corner of each page. An index after the last page of the chart shows where a routine and its calls are first defined. If a routine has no page reference, it either makes no calls or is an external routine. A continuation box on the end of a tree limb shows where that the tree continues on the page numbered mentioned. A number in a box with a routine name points to the page where the routine is further defined within the hierarchy tree. If there is no number in a box, the routine either makes no calls or is an external routine.

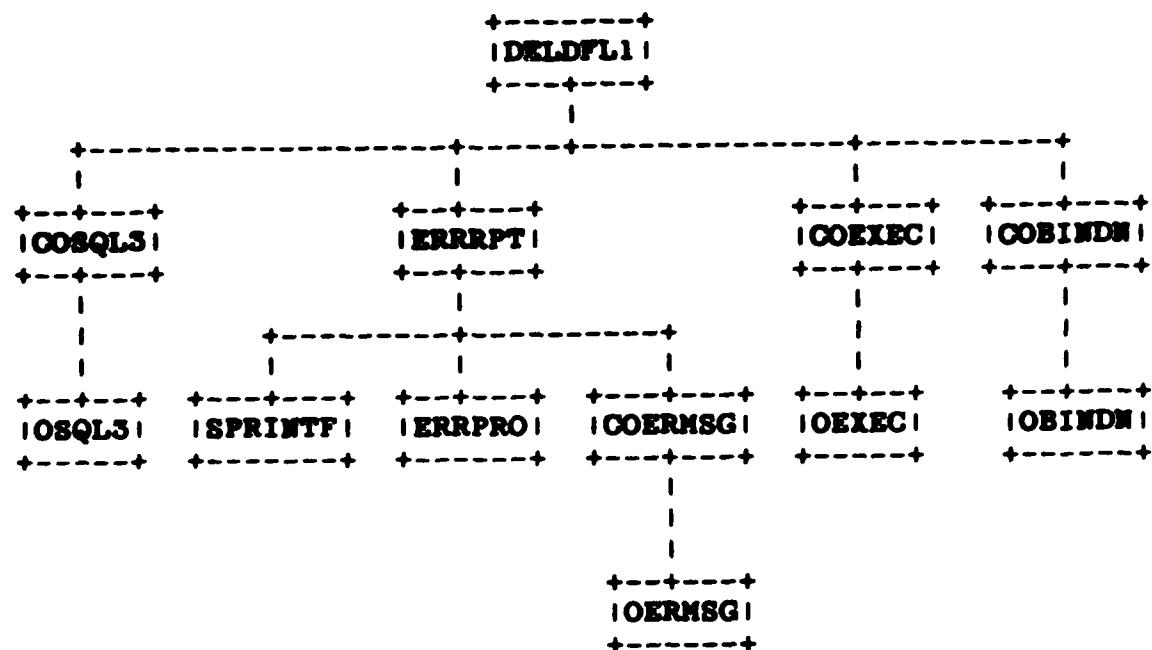
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1



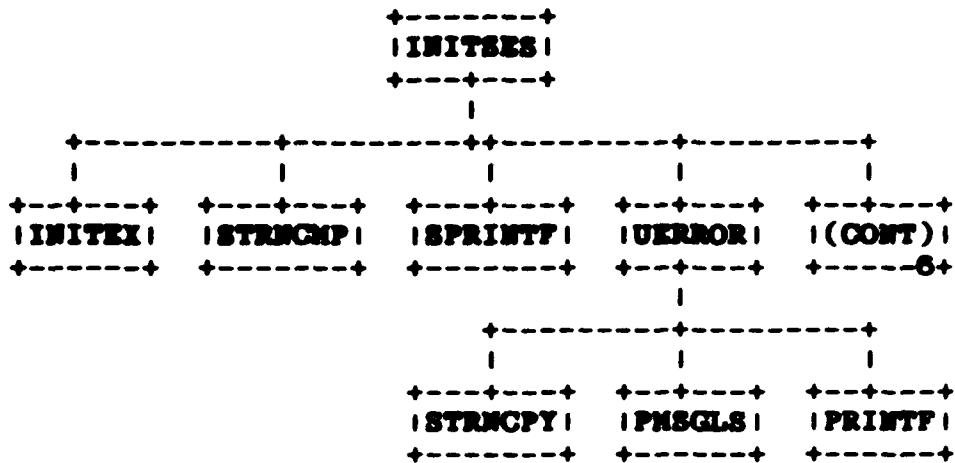
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2



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1 November 1985

3



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4

+-----+					
TERMSES					
+-----+					
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+ +-----+ +-----+				
COCLOSE ERRRPT TERMPP LOGOFF TRNDML COLOGOF	+-----+ +-----+ +-----+ +-----+ +-----+ +-----+				
+-----+ +-----+2+ +-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+ +-----+ +-----+				
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OCLOSE OLOGOF	+-----+ +-----+ +-----+ +-----+ +-----+ +-----+				
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+ +-----+ +-----+				

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5

```
+-----+  
| PROCMD |  
+---+---+  
|  
+-----+-----+-----+-----+  
| (CONT) | | PMSGLES | | UERROR | | ROLBACK | | (CONT) |  
+---1+ +---+---+ +---3+ +---+---+ +---7+  
|  
+-----+-----+  
|  
+---+---+ +---+---+ +---+---+  
| COROL | | ERRPT | | FREE |  
+---+---+ +---2+ +---+  
|  
|  
+---+---+  
| OROL |  
+---+---+
```

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6

	+-----+						
	INITSES						
	+---+---+						
+-----+-----+-----+-----+-----+-----+							
+---+---+ ERRPRO COLON ERRRPT COOPEN (CONT)							
+---3+ +-----+ +---+---+ +---+2+ +---+---+ +---8+							
+---+---+				+---+---+			
OLON				OOPEN			
+---+---+				+---+---+			

3-1122

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7

```
+-----+
| PROCMD |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| (CONT) | BRANCHR | ERRPRO | UWARN | COMMIT | (CONT) |
+-----5+-----9+-----+-----+-----10+-----11+
|
+-----+-----+
| STRNCPY | PMSGLS | PRINTF |
+-----+-----+-----+
```

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8

```
+-----+
|INITSES|
+-----+
|
+-----+-----+-----+-----+-----+-----+
| (CONT) | !COCOF! !ADDFRM! !INITFP! !OPNFRM! !LOGON!
+-----+-----+-----+-----+-----+-----+
|
|
+-----+
|OCOF|
+-----+
```

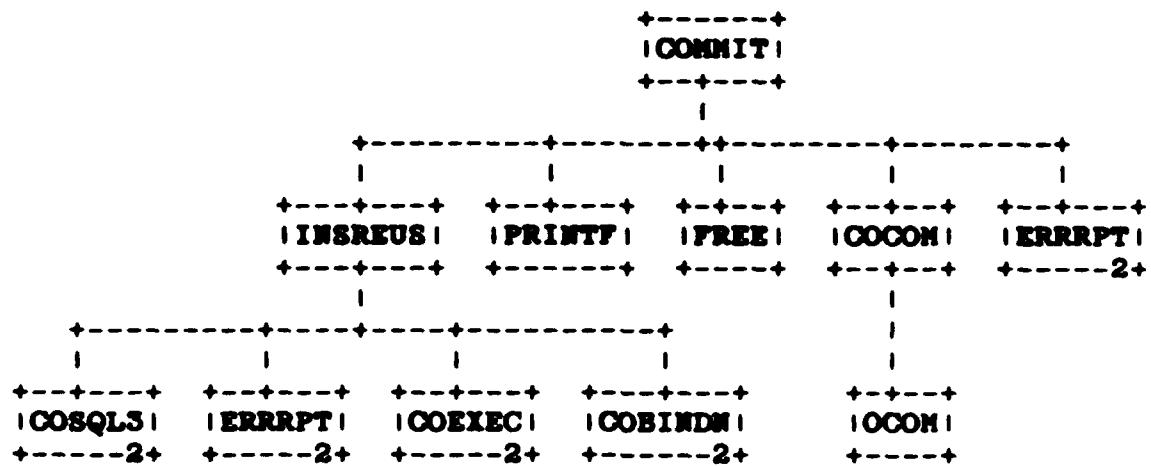
PS 620141100
1 November 1985

9

+-----+ BRANCHR +-----+						
+-----+-----+-----+-----+-----+ ERRPRO UERROR ALTALI ALTATT PRINTF (CONT) +-----+-----3+-----12+-----13+-----+-----+-----14+						

PS 620141100
1 November 1985

10



PS 620141100
1 November 1985

11

+-----+ PRCCMD +---+---+ 	+-----+-----+-----+-----+ (CONT) YYPARSE IOISCR STRNCPY GDATA RPLFRM +-----+-----+-----+-----+-----+-----+					
+----+ 7+ +-----+-----+ 15+ +-----+-----+-----+-----+-----+-----+						

PS 620141100
1 November 1985

12

+-----+					
ALTALI					
+---+---+					
+-----+-----+-----+-----+-----+-----+					
+---+---+	+---+---+	+---+---+	+---+---+	+---+---+	+---+---+
CPPONE	LOWUPP	VERNME	UERROR	VERNMA	(CONT)
+---+---+	+---+---+	+---+---+	+---+3+	+---+---+	+---+16+
+---+---+	+---+---+	+---+---+		+---+---+	
STRNCPY	TOUPPER	ERRPRO		ERRPRO	
+-----+	+-----+	+-----+		+-----+	

3-1128

PS 620141100
1 November 1985

13

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
ALTATT					
+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+ +-----+ +-----+				
CPPONE VERATT CHGDOM SPRINTF UERROR (CONT)					
+-----12+ +-----+ +-----17+ +-----+ +-----3+ +-----18+					
+-----+ +-----+	+-----+ +-----+				
ERRPRO					
+-----+ +-----+					

PS 020141100
1 November 1985

14

+-----+ BRANCH +-----+					
 +-----+-----+-----+-----+-----+ (CONT) ALTDOM ALTEST ALTMAP ALTMOD (CONT) +-----+-----+-----+-----+-----+ 9+ 19+ 20+ 21+ 22+ +-----+-----+-----+-----+-----+ (CONT) CPPONE VERENT DRPAC DRPKC (CONT) +-----+-----+-----+-----+-----+ 3+ 12+ 23+ 24+ 25+ +-----+ ERPRO +-----+					

3-1130

PS 620141100
1 November 1985

15

```
+-----+
| YYPARSE |
+---+---+
|
+-----+-----+-----+
|           |           |           |
+--+--+  +--+--+  +--+--+  +--+--+  +--+--+
|PRINTF|  |ADD_TO_LST|  |ADD_TO_CNT|  |ADD_CORR|  |(CONT)|
+-----+  +-----+26+  +-----+  +-----+  +-----+27+
|
|           |           |
+-----+-----+
|           |           |
+--+--+  +--+--+  +--+--+
|ERRPRO|  |STRLEN|  |STRCAT|
+-----+  +-----+  +-----+
```

PS 620141100
1 November 1985

16

	+-----+				
	ALTALI				
	+---+---+				
	+-----+-----+-----+				
+---+---+ CPPNXT UPDECAL UPDACL					
+----12+ +---+---+ +----26+ +---+---+					
	+-----+-----+-----+-----+				
+---+---+ STRNCPY COSQL3 ERRRPT COEXEC COBINDN					
+----+ +----2+ +----2+ +----2+ +----2+ +----2+					

PS 620141100
1 November 1985

17

+-----+	+-----+	+-----+	+-----+	+-----+
CHGDOM				
+---+---+				
+-----+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+				
CPPONE VERDOM SPRINTF UERROR UPDAC				
+---12+ +---19+ +-----+ +----3+ +---29+				

PS 620141100
1 November 1985

18

+-----+	ALTATT	+-----+				
+-----+-----+-----+						
+---+---+ (CONT) +---+---+ ADDEKW +---+---+ DRPKW						
+---13+	+---+---+ 30+					
+-----+-----+-----+-----+-----+-----+						
+---+---+ CPPONE +---+---+ LOWUPP +---+---+ VERKW +---+---+ GETNUM +---+---+ INSKW +---+---+ (CONT)						
+---12+	+---12+	+--284+	+---126+	+---31+	+---32+	

PS 620141100
1 November 1985

19

```
+-----+
| ALTDOM |
+-----+
|
+-----+-----+-----+
| CPPONE | VERDOM | UERROR | PROCDT |
+-----12+ +---+---+ +----3+ +----33+
|
|
+-----+
| ERRPRO |
+-----+
```

PS 620141100
1 November 1985

20

```
+-----+
| ALTHMAP |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| | | | | | |
+---+---+---+---+---+---+
|CPPONE|VERENT|ISPRINTF|UERROR|CPPNXT|(CONT)|
+---12+---14+-----3+---16+---34+
```

PS 620141100
1 November 1985

21

	+-----+			
	ALTMODI			
	+---+---+			
+-----+-----+-----+-----+				
+---+---+ CPPONE VERMOD UERROR UPDMOD UWARN				
+---12+ +---+---+ +---+---+3+ +---+---+ +---+---+7+ +---+---+				
	+-----+-----+-----+-----+			
+---+---+ ERRPRO COSQL3 ERRRPT COEXEC COBINDN				
+-----+ +---+---+2+ +---+---+2+ +---+---+2+ +---+---+2+ +---+---+2+ +---+---+2+				

PS 620141100
1 November 1985

22

+-----+ BRANCHR +-----+					
 +-----+-----+-----+-----+-----+ (CONT) ALTREL CHKNOD CMVENT CMPMOD (CONT) +---14+ +---35+ +---36+ +---37+ +---38+ +---39+					

PS 620141100
1 November 1985

23

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
DRPAC						
+---+---+						
+-----+-----+-----+-----+-----+-----+-----+						
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
CPPONE VERATT UERROR DELOAD CPPNXT ERRPRO						
+----12+ +----13+ +----3+ +---278+ +----16+ +----+						

3-1139

PS 620141100
1 November 1985

24

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
DRPKC	VERKC	UERROR	VERCRC	DRPNKGK	(CONT)	
+-----+ 12 +	+-----+ 3 +	+-----+ 40 +	+-----+ 41 +			
+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
ERRPRO	ERRPRO					
+-----+						

PS 620141100
1 November 1985

25

	+-----+ ALTENT +---+---+ +-----+-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ (CONT) ADDATT ADDKC DRPKW ADDKW DELMTKC +---14+ +---42+ +---43+ +---30+ +---18+ +---44+
--	--

3-1141

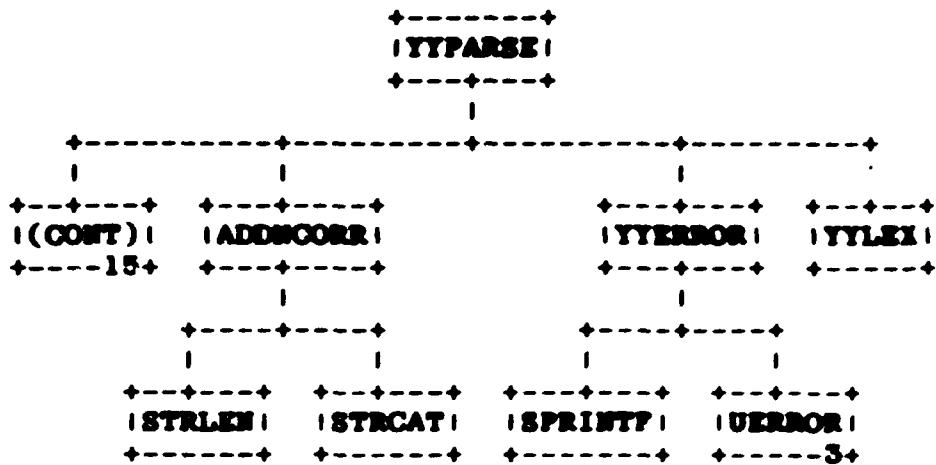
PS 620141100
1 November 1985

26

```
+-----+
| ADD_TO_LST |
+-----+
|
+-----+-----+
|           |           |
+---+---+   +---+---+   +---+---+
|ERRPRO|   |STRLEN|   |STRCAT|
+---+---+   +---+---+   +---+---+
```

PS 620141100
1 November 1985

27



PS 620141100
1 November 1985

28

+-----+ UPDECALL +-----+			
 +-----+-----+-----+-----+ +---+---+---+---+ COBQLS ERREPT COBEXEC COBINDW +---+---+---+---+ -----2+ -----2+ -----2+ -----2+			

3-1144

PS 620141100
1 November 1985

29

+-----+			
UPDAC			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COBSQL3 ERREPT COEXEC COBINDS			
+---2+ +---2+ +---2+ +---2+			

3-1145

PS 620141100
1 November 1985

30

+-----+ DRPKW +---+---+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ CPPONE LOWUPP VERKW UERROR DELKWAC (CONT) +---12+ +---12+ +--284+ +---3+ +---318+ +---45+						

3-1146

PS 620141100
1 November 1985

31

```
+----+  
|INSKW|  
+---+---+  
|  
+-----+-----+-----+  
| | | |  
+---+---+ +---+---+ +---+---+ +---+---+  
|COSQL3| |ERRRPT| |COEXEC| |COBIND|  
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

32

```
+-----+
| ADDKV |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| (CONT) | !ERROR! | ADDKVA | ADDKWE | ADDKWR | !CPFNXT!
+-----18+ +----3+ +---46+ +---47+ +---+ +---16+
|
+-----+-----+
| !INSKWRC | !ERRPRO!
+-----+-----+
|
+-----+-----+-----+-----+
| !OOSQL3! | !ERRRPT! | !COEXEC! | !COBINDM!
+-----2+ +----2+ +---2+ +----2+
```

PS 620141100
1 November 1985

33

+-----+ PROCDT +---+---+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ CPPONE LOWUPP CPPMXT CPPCOR UERROR (CONT) +---12+ +---12+ +---16+ +---211+ +---3+ +---48+						

3-1149

PS 620141100
1 November 1985

34

```
+-----+
| ALTMAP |
+-----+
|
+-----+-----+-----+-----+-----+
| | | | |
|(CONT)| STRICMP| ALTMAP| DRPSMAP| (CONT)|
+---20+ +-----+ +---49+ +---50+ +---51+
```

PS 620141100
1 November 1985

35

+-----+ ALTREL +-----+ +-----+-----+-----+-----+-----+ UERROR CPPNONE CPFNXT VERREL ALTCARD (CONT) +-----3+ +---12+ +---16+ +---80+ +---52+ +---53+					
---	--	--	--	--	--

PS 620141100
1 November 1985

36

```
+-----+
| CMMOD |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| CPPONE | VERMOD | UERROR | GETBCS | CHEKLOOP | (CONT) |
+-----12+ +---21+ +---3+ +-----+ +---54+ +---55+
|
+-----+-----+-----+-----+-----+-----+
| CHEKREL | CHEKKYS | CHEATT | UWARN | ERRPRO |
+-----56+ +---57+ +-----+ +---7+ +-----+
|
+-----+
| UWARN | ERRPRO |
+---7+ +-----+
```

PS 620141100
1 November 1965

37

```
+-----+
| CMESSST |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| VERBDR | CPPNONE | CPPNXT | EXCFLAG | VERMOD | (CONT) |
+-----3-----+-----12-----+-----16-----+-----21-----+-----58-----+
|
|
+-----+
| CPPNONE |
+-----12-----
```

3-1153

PS 620141100
1 November 1965

38

```
+-----+  
| CMMOD |  
+-----+  
|  
+-----+-----+-----+-----+-----+  
| CPPONE | CPPEXIT | VERMOD | UERROR | RETREC1 | (COST)  
+-----+-----+-----+-----+-----+  
|-----12-----|-----16-----|-----21-----|-----3-----|-----59-----|  
|  
+-----+-----+-----+-----+  
| VERENT | UWARN | ERRPRO |  
+-----+-----+-----+  
|-----14-----|-----7-----|-----  
|
```

PS 620141100
1 November 1985

39

+-----+ BRANCHR +-----+						
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+						
(CONT) COPATT CPYDES COPENT CPYMOD (CONT)						
+----22+ +---60+ +---61+ +---62+ +---63+ +---64+						

PS 620141100
1 November 1985

40

+-----+				
DRPMGRM				
+-----+				
+-----+-----+-----+				
+-----+-----+-----+		+-----+-----+		+-----+
DELNICK		UERROR		ERRPRO
+-----+-----+		+-----3+-----		+-----+
+-----+-----+-----+-----+				
+-----+-----+		+-----+-----+		+-----+-----+
CDBL2		COPIECH		DELIAUC
+-----2+-----		+-----4+-----		+-----33+-----
				+-----65+-----

PS 620141100
1 November 1985

41

+-----+ DRPKC +---+---+ 						
+-----+-----+-----+-----+ (CONT) DELKCM DELCMPR DELKC ADDRNUM (CONT) +-----+-----+-----+-----+-----+-----+-----+ 24+ 66+ 67+ +-----+ 355+ 68+ +-----+-----+-----+-----+-----+-----+-----+ 						
+-----+-----+-----+-----+ COSQL3 ERRRPT COEXEC COBINDN +-----+-----+-----+-----+ 2+ 2+ 2+ 2+ +-----+-----+-----+-----+						

PS 620141100
1 November 1965

42

```
+-----+
!ADDATT!
+---+---+
|
+-----+-----+-----+
|           |           |
|           |           |
+---+---+   +---+---+   +---+---+
!CPPONE!   !ADDOAC!   !UERROR!   !CPPNXT!
+---12+   +---+---+   +---3+   +---16+
|
+-----+-----+-----+-----+
|           |           |           |
|           |           |           |
+---+---+   +---+---+   +---+---+   +---+---+
!VERATT!   !VEROAC!   !UERROR!   !INSOAC!   !GETNUM!   !(CONT)!
+---13+   +---+---+   +---3+   +---69+   +---126+   +---70+
|
|
|
+---+---+
!ERRPRO!
+-----+
```

PS 620141100
1 November 1985

43

	+-----+						
	ADDKC						
	+---+---+						
	+-----+-----+-----+-----+-----+-----+						
+---+---+	+---+---+	+---+---+	+---+---+	+---+---+	+---+---+	+---+---+	
CPPONE	CPPVAL	VERKC	UERROR	GETNUM	(CONT)		
+---12+	+-----+	+--24+	+----3+	+---126+	+---71+		

3-1159

PS 620141100
1 November 1985

44

+-----+ DELMTKC +-----+				
+-----+ +-----+ +-----+ +-----+ +-----+ COSQL3 ERRRPT COFETCH DELCMPR (CONT) +-----2+ +-----2+ +-----+ +-----67+ +-----72+ +-----+ +-----+ +-----+ +-----+ +-----+				
+-----+ OFETCH +-----+				

3-1160

PS 620141100
1 November 1985

45

+-----+	+-----+	+-----+	+-----+
DRPKW			
+---+---+			
+-----+ +-----+ +-----+ +-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
(CONT) DELKVEC DELKWRG CPFNXT			
+---30+ +---319+ +---341+ +---16+			

3-1161

PS 620141100
1 November 1985

46

```
+-----+
| ADDSWA |
+-----+
|
+-----+-----+
| INSKWAC | !UERROR | !ERRPRO |
+-----+-----+-----+
|           |           |           |
+-----+-----+-----+
| COSQL3 | !ERRRPT | !COEXEC | !COBINDM |
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

47

+-----+			
ADDKWE			
+---+---+			
+-----+-----+			
+---+---+ +---+---+ +---+---+			
INSKVEC UERROR ERRPRO			
+---+---+ +---+---+ +---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDM			
+---+---+ +---+---+ +---+---+ +---+---+			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

48

```
+-----+
| PROCDT |
+-----+
|
+-----+-----+-----+
| (CONT) | ADDDT | DRPDT | ALTDT |
+---33+ +---73+ +---74+ +---+
|
+-----+-----+-----+-----+-----+
| VERDTD | UERROR | VERSDT | UPDIND | UPDTDT |
+---49+ +----3+ +---+---+ +---75+ +---76+
|
+-----+
| ERRPRO |
+-----+
```

PS 620141100
1 November 1985

49

+-----+ ALTSMAP +-----+						
+-----+-----+-----+-----+-----+ CPPNXT VERPDF CPPCOR FINDDOM VERDTD (CONT) +-----+-----+-----+-----+-----+-----+ 16+ +--+---+ ---211+ +--+---+ +--+---+ +--+---+ +-----+-----+-----+-----+-----+-----+-----+ 						
+-----+ ERRPRO +-----+			+-----+ ERRPRO +-----+		+-----+ ERRPRO +-----+	

PS 620141100
1 November 1985

50

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
DRPSMAP						
+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+ +-----+						
CPPNXT CPPCOR PNDRGM VERPDF VERDB (CONT)						
+---16+ +---211+ +---+---+ +---49+ +---168+ +---78+						
+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
ERRPRO						
+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+

S-1100

PS 620141100
1 November 1985

51

+-----+ ALTMAP +---+---+ 	+-----+ ADDMAP +---+---+ (CONT) +---34+	+-----+ STRICPY +---+---+ +----79+	+-----+ TOLOWER +---+---+ +-----+	+-----+ VERREL +---+---+ +----80+	+-----+ VERAUC +---+---+ +-----+	+-----+ ERRPRO +-----+

PS 620141100
1 November 1985

52

```
+-----+
| ALTCARD |
+-----+
|
+-----+-----+-----+-----+-----+
|CPPONE| |LOWUPP| |UWARN| |CPFMXT| |UERROR|
+----12+ +----12+ +----7+ +----16+ +----3+
```

PS 620141100
1 November 1985

53

	+-----+						
	ALTREL						
	+---+---+						
+-----+-----+-----+-----+-----+-----+-----+							
+---+---+-----+---+---+-----+---+---+-----+---+---+	(CONT)	UPDTRC	ADDMIG	ADDKW	DRPMIG	(CONT)	
+---35+-----+---+---81+-----18+-----82+-----83+							
+-----+-----+-----+-----+							
+---+---+-----+---+---+-----+---+---+-----+---+---+	COSQL3	ERRRPT	COEXEC	COBINDN			
+---2+-----2+-----2+-----2+							

AD-R181 785

INTEGRATED INFORMATION SUPPORT SYSTEM (IASS) VOLUME 5
COMMON DATA MODEL S. (U) GENERAL ELECTRIC CO
SCHENECTADY NY PRODUCTION RESOURCES CONSUL.

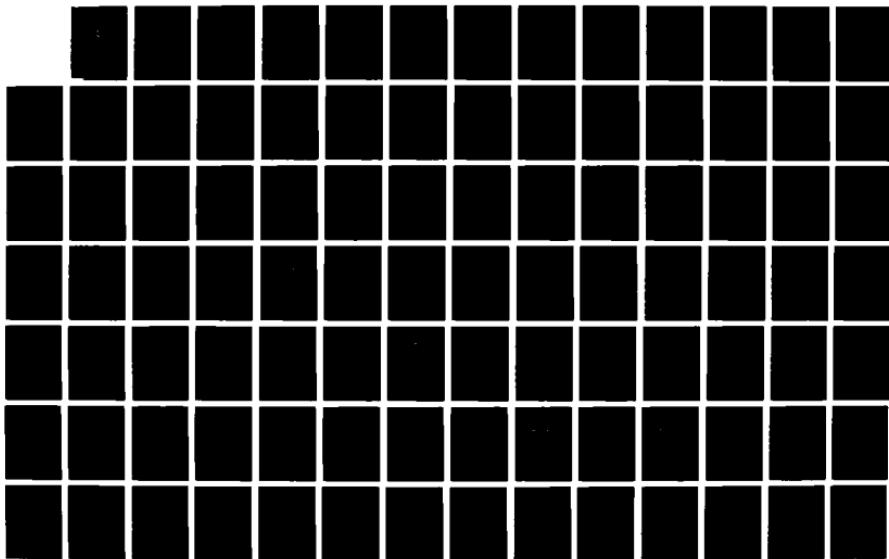
2/5

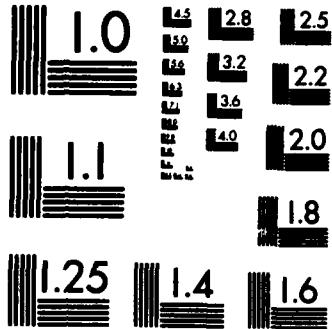
UNCLAS5IFIED

S SINGH ET AL. 01 NOV 85 PS-620141100

F/G 12/5

NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PS 620141100
1 November 1985

54

+-----+ CHILOOP +-----+						
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+ COSQL3 ERRRPT SPRINTF UWARN COFETCH (CONT) +-----2+ +-----2+ +-----+ +----7+ +----44+ +---84+						

PS 620141100
1 November 1985

55

+-----+	CHKMOD	+---+---+	
+-----+ +-----+ +-----+ +-----+			
(CONT) UPDMOD UWARN ERRPRO			
+---36+ +---21+ +---7+ +-----+			

PS 620141100
1 November 1985

56

```
+-----+
|CHKREL|
+-----+
|
+-----+-----+-----+-----+
|RETRECPI|UWARN|VERRCCI|ERRPROI
+-----+-----7+-----323+-----+
|
+-----+
|ERRPROI|
+-----+
```

PS 620141100
1 November 1985

57

+-----+ CHKKEYS +-----+						
+-----+-----+-----+-----+-----+ +---+ +---+ +---+ +---+ +---+ +---+ OOPEN UERROR OSQL3 ODFINN OBINDW (CONT) +---+ +---3+ +---+ +---+ +---+ +---85+						

3-1173

PS 620141100
1 November 1985

58

```
+-----+
| CMBENT |
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | !VERENT! |OPNFIL! |ADDPARM| |(CONT)|
+---37+ +---14+ +-----+ +---+---+ +---86+
|
|
|
+-----+
| WRTLIN |
+-----+
|
|
|
+-----+
| PUTC |
+-----+
```

PS 620141100
1 November 1985

59

	+-----+					
	CMPMOD					
	+---+---+					
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+						
(CONT) RETRAC1 ENTKW ATTKW RELKW ERRPRO						
+---38+ +---+---+ +---87+ +---88+ +---89+ +-----+						
+-----+ +-----+						
+---+---+ +---+---+ +---+---+						
VERATT UWARN ERRPRO						
+---13+ +---7+ +-----+						

PS 620141100
1 November 1985

60

+-----+ COPATT +---+---+ +-----+-----+-----+-----+ UERROR CPPONE CPFNXT EXCFLAG VERMOD (CONT) +---3+ +---12+ +---16+ +---37+ +---21+ +---90+						

PS 620141100
1 November 1985

61

+-----+				
CPYDES				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+	(CONT)			
CPFONE VEROBJ VERDSTX VERDSTP (CONT)				
+---12+ +---91+ +---+---+ +---+---+ +---92+				
+---+---+ +---+---+				
ERRPRO ERRPRO				
+---+ +---+				

PS 620141100
1 November 1985

62

	+-----+ COPENT +-----+					
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+						
+---+ +---+ +---+ +---+ +---+ +---+	UERROR	CPFONE	CPFNXT	EXCFLAG	VERENT	(CONT)
+---3+ +---12+ +---16+ +---37+ +---14+ +---93+						

PS 620141100
1 November 1985

63

	+-----+						
	CPYMOD						
	+---+---+						
+-----+-----+-----+-----+-----+-----+-----+							
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+							
CPPONE UERROR VERMOD CPFNXT OPNFIL (CONT)							
+----12+ +----3+ +---21+ +----16+ +-----+ +---94+							

PS 620141100
1 November 1985

64

	+-----+ BRANCHR +-----+					
	+	-----+	-----+	-----+	-----+	-----+
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+ +-----+						
(CONT) CRTATT CRTALI CRTDOM CRTENT (CONT)						
+---39+ +---95+ +---96+ +---97+ +---98+ +---99+						

PS 620141100
1 November 1985

65

	+-----+					
	DELMIGK					
	+---+---+					
	+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
(CONT) SPRINTF UERROR ADDRNUM (CONT)						
+---40+ +-----+ +---3+ +---355+ +---100+						

PS 620141100
1 November 1985

66

+-----+ DELKCM +---+---+ 			
+-----+ +-----+ +-----+ +-----+ COSQL3 ERRRPT COEXEC COBINDM +----2+ +----2+ +----2+ +----2+			

PS 620141100
1 November 1985

67

+-----+ DELCMPR +-----+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ COSQL3 ERRRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+			
--	--	--	--

PS 620141100
1 November 1985

68

+-----+	+-----+	+-----+
DRPKC	CPFMXT	ERRPRO
+---+---+	+---+---+	+---+---+
+-----+-----+-----+	+-----+-----+-----+	+-----+-----+-----+
+---+---+-----+-----+-----+	+---+---+-----+-----+-----+	+---+---+-----+-----+-----+
(CONT)	CPFMXT	ERRPRO
+---+---+-----+-----+-----+	+---+---+-----+-----+-----+	+---+---+-----+-----+-----+
+---+---+-----+-----+-----+	+---+---+-----+-----+-----+	+---+---+-----+-----+-----+
-----41	-----16	-----
+---+---+-----+-----+-----+	+---+---+-----+-----+-----+	+---+---+-----+-----+-----+

3-1184

PS 620141100
1 November 1985

69

+-----+				
INSOAC				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ COSQL3 ERRRPT COEXEC COBINDN				
+-----2+ +-----2+ +-----2+ +-----2+				

PS 620141100
1 November 1985

70

+-----+	+-----+	+-----+
ADDOAC	INSAUC	ERRPRO
+---+---+	+---+---+	+---+---+
+-----+-----+-----+	+-----+-----+-----+	+-----+-----+-----+
(CONT)	42	181
+-----+-----+-----+	+-----+-----+-----+	+-----+-----+-----+

PS 620141100
1 November 1985

71

```
+-----+
| ADDKC |
+-----+
|
+-----+-----+-----+
| | | |
|(CONT)| |INSKC| |CPFNXT| |ADDKM|
+---43+ +---+---+ +---16+ +---101+
|
+-----+-----+-----+
| | | |
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

72

+-----+				
DELMTKC				
+---+---+				
+-----+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+				
(CONT) SPRINTF UERROR ADDRNUM (CONT)				
+---44+ +-----+ +----3+ +---355+ +---102+				

PS 620141100
1 November 1985

73

```
+-----+
| ADDDT |
+---+---+
|
+-----+-----+
|           |           |
| ADDSTD | ADDNSTD | UERROR |
+---103+ +---+---+ +----3+
|
+-----+-----+-----+
|           |           |           |
| VERDT | UERROR | VERTYP | IMSDT |
+--103+ +---3+ +---103+ +--135+
```

PS 620141100
1 November 1985

74

+-----+	+-----+	+-----+	+-----+
DRPDT			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
VERDTD UERROR DTUSAGE DELDT			
+---49+ +---3+ +---+---+ +---104+			
+-----+-----+			
+---+---+ +---+---+ +---+---+			
VERDFDT VERIDT VERACDT			
+---310+ +---310+ +---245+			

3-1190

PS 620141100
1 November 1985

75

UPDIND	COBINDN
COSQL3	ERRRPT
2+	2+

PS 620141100
1 November 1985

76

	+-----+ UPDTDT +---+---+ +-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ COSQL3 ERRRPT COEXEC COBINDN +-----2+ +-----2+ +-----2+ +-----2+
--	---

PS 620141100
1 November 1985

77

+-----+ ALTSMAP +-----+ 						
+-----+-----+-----+-----+-----+-----+ (CONT) !SPRINTF! !UERROR! !COSQL3! !ERRRPT! !(CONT) +-----49+ +-----+ +-----3+ +-----2+ +-----2+ +---105+						

PS 620141100
1 November 1985

78

```
+-----+
|DRPSMAP|
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | |FINDASH| |TOLOWER| |GETMAPC| |(CONT)|
+---50+ +---105+ +-----+ +---+---+ +---106+
|
|
|
+---+---+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

79

+-----+	+-----+	+-----+	+-----+	+-----+
ADDMAP				
+-----+	+-----+	+-----+	+-----+	+-----+
+-----+ +-----+ +-----+ +-----+ +-----+				
CPPONE TOLOWER STRNCMP CPFNXT (CONT)				
+---12+ +-----+ +-----+ +---16+ +---107+				

PS 620141100
1 November 1985

80

```
+----+  
!VERREL!  
+---+---+  
|  
+-----+-----+  
| | |  
+---+---+ +---+---+ +---+---+  
!VERENT! !UERROR! !VERRC!  
+---+14+ +---+3+ +---+---+  
|  
|  
|  
+---+---+  
!ERRPRO!  
+-----+
```

PS 620141100
1 November 1985

81

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
ADDMIG						
+---+---+						
+-----+-----+-----+-----+-----+-----+-----+						
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
CPPONE VERKC UERROR VERRCC MKRNLST (CONT)						
+----12+ +---24+ +----3+ +---323+ +----+---+ +---108+						
+-----+-----+-----+						
+---+---+ +---+---+ +---+---+						
CPPONE UERROR CPFNXT						
+----12+ +----3+ +----16+						

PS 620141100
1 November 1985

82

+-----+						
DRPMIG						
+---+---+						
+-----+-----+-----+-----+-----+-----+						
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
CPPONE VERKC UERROR VERRCC DRPMGRC DELCPRC						
+---12+ +---24+ +---3+ +---323+ +---365+ +---366+						

PS 620141100
1 November 1985

83

+-----+ ALTREL +---+---+ +-----+-----+ +---+---+ +---+---+ +---+---+ (CONT) DRPKW DELMTKC +---53+ +---30+ +---44+		
---	--	--

3-1199

PS 620141100
1 November 1985

84

+-----+ CHKLOOP +-----+ +-----+-----+-----+-----+-----+-----+ (CONT) !ELOOPCK! !TLOOPCK! !COEXEC! !CODFINN! !COBINDN! +----54+ +----109+ +----110+ +----2+ +----102+ +----2+					
--	--	--	--	--	--

PS 620141100
1 November 1985

85

CHKKEYS				
(CONT)	!OEXEC!	!OFETCH!	!UWARN!	!ERRPRO!
+----57+	+-----+	+-----+	+----7+	+-----+

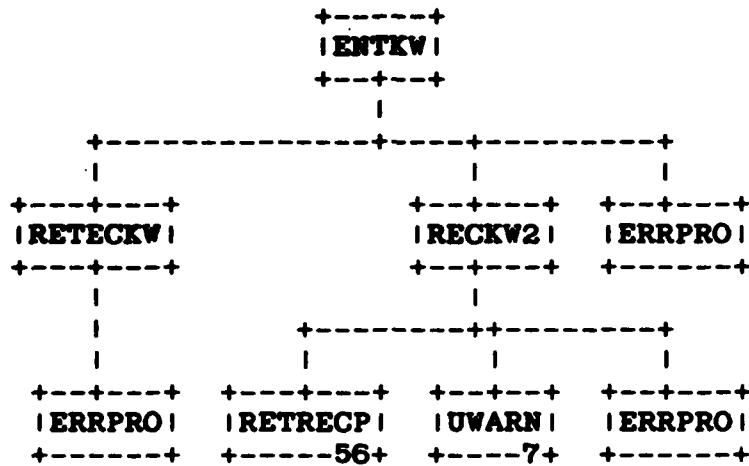
PS 620141100
1 November 1985

86

+-----+ CMBENT +---+---+ +-----+-----+-----+-----+ (CONT) FRTOREL BLKCL1 GENENT1 (CONT) +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---58+ +---111+ +---112+ +---113+ +---114+				
--	--	--	--	--

PS 620141100
1 November 1985

87



PS 620141100
1 November 1985

88

```
+-----+
| ATTKW |
+---+---+
|
+-----+-----+
| | | |
+---+---+ +---+---+ +---+---+
| RETACKW | | RACKW2 | | ERRPRO |
+---+---+ +---+---+ +---+---+
| | | |
+-----+-----+-----+-----+
| | | | |
+---+---+ +---+---+ +---+---+ +---+---+
| ERRPRO | | RETRACP | | UWARN | | ERRPRO |
+-----+ +---+---+ +---+---+ +---+---+
| | | |
+-----+
| | |
+---+---+
| ERRPRO |
+-----+
```

PS 620141100
1 November 1985

89

```
+-----+
| RELKW |
+-----+
|
+-----+-----+
| RETRCKW |           | RRCKW2 |   | ERRPRO |
+-----+-----+-----+
|
|           |           |
+-----+-----+-----+
| ERRPRO |   | GETRCNM |   | UWARN |   | ERRPRO |
+-----+-----+-----+-----+
|
|           |           |           |
+-----+-----+-----+
| GETRCID |   | RETRECP |   | ERRPRO |
+-----+-----+-----+
|
|           |
+-----+
| ERRPRO |
+-----+
```

PS 620141100
1 November 1985

90

		+-----+ COPATT +---+---+ +-----+-----+-----+-----+ +---+---+ VERACMM COPATT POCPATT ERRPRO (CONT) +---+---+ +---115+ +---116+ +-----+ +---60+ +-----+ +---+---+ ERRPRO +-----+
--	--	---

PS 620141100
1 November 1985

91

+-----+ VEROBJ +---+---+ +-----+-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ TOUPPER CPFNXT VERREL PRINTF VERDI (CONT) +-----+ +---16+ +---80+ +-----+ +---+---+ +---117+ +---+---+ ERRPRO +-----+						

PS 620141100
1 November 1985

92

+-----+ CPYDES +---+---+ +-----+-----+-----+-----+ (CONT) VERMOD SPRINTF UERROR WRTDSC4 +---61+---21+-----+---3+---118+				
---	--	--	--	--

PS 620141100
1 November 1985

93

	+-----+ COPENT +---+---+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ (CONT) ICOPENT FCOPENT VERMOD ERRPRO +---62+ +---+---+ +---119+ +---21+ +---+---+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ GETNNUM INSEC UERROR INSECNM (CONT) +---126+ +--128+ +---3+ +---125+ +---120+
--	--

PS 620141100
1 November 1985

94

+-----+ CPYMOD +---+---+ +-----+-----+-----+-----+-----+					
(CONT)	EXCFLAG	ADDPARM	ALLATT	(CONT)	
+---63+	+---37+	+---58+	+---+---+	+---121+	
+-----+-----+-----+-----+-----+ +-----+-----+-----+-----+-----+ (COSQL3) ERRRPT COPEATCH STRNCMP (CONT) +---2+ +---2+ +---44+ +-----+ +---122+					

PS 620141100
1 November 1985

95

+-----+ CRTATT +---+---+ 						
+-----+-----+-----+-----+-----+ +----+ +----+ +----+ +----+ +----+ +----+ UERROR CPFONE VERDOM BLDATT INSACNM ADDKW +---3+ +---12+ +---19+ +---123+ +---124+ +---18+						

PS 620141100
1 November 1985

96

+-----+
!CRTALI!
+---+---+
|
+-----+-----+-----+-----+-----+
| | | | | |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+
!CPFONE! !LOWUPP! !VERENT! !UERROR! !VERATT! !(CONT)!
+----12+ +----12+ +----14+ +----3+ +----13+ +----125+

PS 620141100
1 November 1985

97

+-----+ CRTDOM +---+---+ 						
+-----+-----+-----+-----+-----+ +---+---+---+---+---+---+ CPNONE VERDOM UERROR GETNUM INSDOM PROCDT +----12+ +----19+ +----3+ +----126+ +----127+ +----33+						

3-1213

PS 620141100
1 November 1985

98

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
CRTENT						
+---+---+						
+-----+-----+-----+-----+-----+-----+-----+						
UERROR	CPFONE	VERENT	GETNUM	INSEC	(CONT)	
+----3+	+----12+	+----14+	+----126+	+--128+	+---129+	

PS 620141100
1 November 1985

99

```
+-----+
| BRANCHR |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| (CONT) | CRTMAP | CRTMOD | CRTREL | CRTVIEW | (CONT) |
+-----+-----+-----+-----+-----+-----+
| 64+   | 130+   | 131+   | 132+   | 133+   | 134+   |
```

PS 620141100
1 November 1985

100

+-----+ DELMIGK +---+---+ +-----+-----+-----+-----+-----+ +--+--+ +--+--+ +--+--+ +--+--+ +--+--+ +--+-- (CONT) DELKCMT DELAUCL COEXEC COPFINN COBINDN +----65+ +----389+ +----340+ +----2+ +----102+ +----2+

PS 620141100
1 November 1985

101

```
+-----+
| ADDKM |
+---+---+
|
+-----+-----+-----+-----+
| VERAUC | ADDOAC | UERROR | IIMSKCM |
+---51+ +---42+ +---3+ +---+---+
|
+-----+-----+-----+-----+
| COSQL3 | ERRRPT | COEXEC | COBINDN |
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

102

+-----+ !DELMTKC! +---+---+ 	+-----+ +-----+ !(CONT)! +----72+	+-----+ !DELTEXT! +----373+	+-----+ !DELKC! +--41+	+-----+ !COEXEC! +----2+	+-----+ !CODFINN! +----+	+-----+ !COBINDN! +----2+
+-----+ !ODFINN! +-----+						

PS 620141100
1 November 1985

103

+-----+ ADDSTD +-----+				
+-----+-----+-----+-----+ VERSDT UERROR VERDT VERTYP INSDT +-----+-----+-----+-----+-----+-----+ 48+ 3+ +---+ +---+ 135+ +-----+-----+-----+-----+-----+-----+ +-----+-----+-----+-----+ ERRPRO ERRPRO +-----+-----+				

3-1219

PS 620141100
1 November 1985

104

	+-----+		
	DELDT		
	+---+---+		
	+-----+-----+-----+-----+		
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---+---2+ +---+---2+ +---+---2+ +---+---2+			

3-1220

PS 620141100
1 November 1985

105

```
+-----+
| ALTSMAP |
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | COEXEC | COBINDN | FNDASH | (CONT) |
+---77+ +---2+ +---2+ +---+ +---136+
|
|
|
+-----+
| ERRPRO |
+-----+
```

PS 620141100
1 November 1985

106

```
+-----+
|DRPSMAP|
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | STRNCMP | SPRINTF | UERROR | (CONT) |
+---78+ +-----+ +-----+ +---3+ +---137+
```

PS 620141100
1 November 1985

107

+-----+	ADDMAP	+---+---+				
+-----+-----+-----+-----+-----+-----+						
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+	CPFCOR	MAPRC	MAPADF	SPRINTF	(CONT)	
+---79+ +---211+ +--138+ +---139+ +-----+ +---140+						

PS 620141100
1 November 1985

108

```
+-----+
!ADDMIG!
+---+---+
|
+-----+-----+-----+-----+-----+
|          |          |          |          |
|(CONT)|  !CKRNLST!  !VERAUC!  !GETNNUM!  !(CONT)|
+---81+  +-----+  +---51+  +---126+  +---141+
```

PS 620141100
1 November 1985

109

+-----+ BLOOPCK +-----+						
+-----+-----+-----+-----+-----+-----+						
+---+---+ COSQL3 ERRRPT COFETCH SPRINTF UWARN (CONT)						
+---2+ +---2+ +---44+ +-----+ +---7+ +---142+						

PS 620141100
1 November 1985

110

+-----+ TLOOPCK +---+---+ +-----+-----+-----+-----+-----+ +---+---+---+---+---+---+ COSQL3 ERRRPT COFETCH SPRINTF UWARN (CONT) +---2+ +---2+ +---44+ +-----+ +---7+ +---143+						

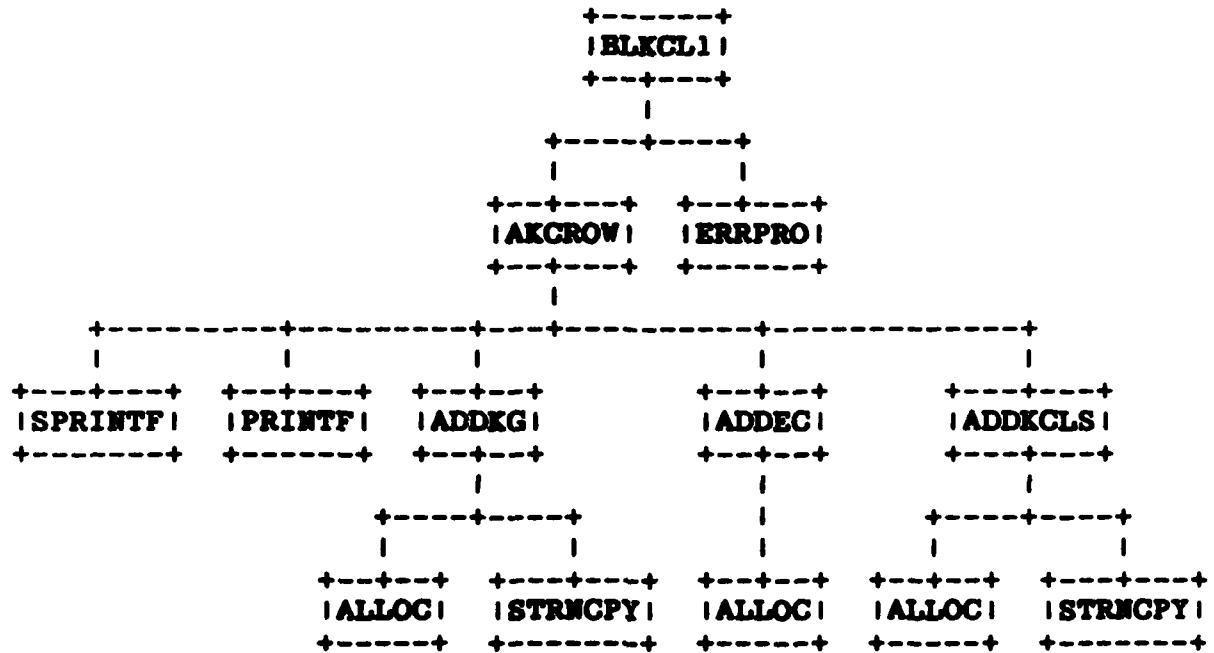
PS 620141100
1 November 1985

111

```
+-----+
| FRTOREL |
+-----+
|
+-----+-----+-----+
|           |           |           |
| SELRCNM | UWARN | ADDPARM | ERRPRO |
+-----+-----7+-----58+-----+
|
+-----+
|           |
+-----+
|           |           |
| UWARN | ERRPRO |
+-----7+-----+
```

PS 620141100
1 November 1985

112



PS 620141100
1 November 1985

113

+-----+ GENENT1 +-----+						
+-----+ ADPARM1 +-----+ +--144+ WRTLIN +---58+	+-----+ CMBOA +---145+ GENALI +---151+ CMBEKW VERALI +-----+ CMBALI +-----+ GENDESC +----146+ ERRPRO +-----+ ERRPRO +-----+	+-----+ CMBALI +-----+ GENDESC +----146+ ERRPRO +-----+ ERRPRO +-----+	+-----+ ERRPRO +-----+	+-----+ ERRPRO +-----+	+-----+ ERRPRO +-----+	+-----+ ERRPRO +-----+

PS 620141100
1 November 1985

114

+-----+ CMBENT +-----+						
+-----+-----+-----+-----+-----+-----+						
(CONT) DEPFROM GENALTE INDFROM CLSFIL ERRPRO						
+---86+ +---147+ +---148+ +---149+ +---+ +---+						
+-----+ FCLOSE +-----+						

3-1230

PS 620141100
1 November 1985

115

+-----+				
ICOPATT				
+-----+				
+-----+-----+-----+-----+-----+				
+---+---+ ELDATT UERROR INSACNM WRTALI (CONT)	+---+---+ 3+ +---+---+ 124+ +---+---+ 150+	+---+---+ 124+ +---+---+ 3+ +---+---+	+---+---+	+---+---+
+-----+-----+-----+-----+-----+				
+---+---+ INSACNM UERROR ERRPRO	+---+---+ 124+ +---+---+ 3+ +---+---+	+---+---+	+---+---+	+---+---+

3-1231

PS 620141100
1 November 1985

116

```
+-----+
|FCOPATT|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|VERATT| |UERROR| |OPNFILE| |ADDPARM| |GENATT| |(CONT)|
+---13+ +---3+ +-----+ +---58+ +---+ +---151+
|
+-----+
|           |
+-----+-----+
|ADDPARM| |GENAKW|
+---58+ +-----+
|
+-----+
|           |
+-----+-----+
|ADDPARM| |ERRPRO|
+---58+ +-----+
```

PS 620141100
1 November 1985

117

```
+-----+
|VEROBJ|
+---+---+
|
+-----+-----+-----+-----+-----+
| (CONT) | VERUDTN | VERDFLD | STRNCMP | (CONT) |
+---91+ +---+---+ +---211+ +-----+ +---152+
|
|
+---+---+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

118

```
+-----+  
| WRTDSC4 |  
+---+---+  
|  
+-----+-----+-----+  
| | | |  
+---+---+---+---+  
|COSQL3| ERRRPT| COEXEC| COBINDN|  
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

119

	+-----+ FCOPENT +-----+			
	+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+	CESTRUC CERELS UERROR ERRPRO			
+---153+ +---+---+ +---3+ +---+---+				
	+-----+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+	OPNFILE ADDPARM GENENT1 UERROR (CONT)			
+---+---+ +---58+ +---113+ +---3+ +---154+ +---				

PS 620141100
1 November 1985

120

+-----+ ICOPENT +-----+						
+-----+-----+-----+-----+-----+-----+ (CONT) WRTECKW WRTDESC WRTENAM ICOPYAC ERRPRO +-----+-----+-----+-----+-----+-----+						
+-----+-----+-----+-----+-----+-----+ INSECNN UERROR ERRPRO +-----+-----+-----+ 125+ 3+ -----+ +-----+-----+-----+-----+-----+-----+						

PS 620141100
1 November 1985

121

```
+-----+
|CPYMOD|
+-----+
|
+-----+-----+-----+-----+-----+-----+
| (CONT) | !ALLENT! |BLKCLST| !TOPNODE| !ALLREL| !CLSFIL|
+---94+ +---157+ +---+---+ +---158+ +---159+ +---114+
|
+-----+-----+
|          |
+-----+-----+
|AKCROW| !ERRPRO|
+---112+ +-----+
```

PS 620141100
1 November 1985

122

+-----+	+-----+	+-----+	+-----+	+-----+
ALLATT	GENATT	STRNCPY	GENDESC	(CONT)
+---+---+	+---+---+	+---+---+	+---+---+	+---+---+
(CONT)	GENATT	STRNCPY	GENDESC	(CONT)
+---94+	+---116+	+-----+	+---146+	+---160+

3-1238

PS 620141100
1 November 1985

123

+-----+				
BLDATT				
+-----+				
+-----+ +-----+ +-----+ +-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
VERATT UERROR GETNNUM INSAC				
+---13+ +---3+ +---126+ +---+---+				
+-----+ +-----+ +-----+ +-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
COSQL3 ERRRPT COEXEC COBINDN				
+---2+ +---2+ +---2+ +---2+				

3-1239

PS 620141100
1 November 1985

124

+-----+	+-----+	+-----+	+-----+
INSACNM			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ ERRRPT COEXEC COBINDN			
+-----2+ -----2+ +-----2+ +-----2+			

3-1240

PS 620141100
1 November 1985

125

+-----+					
CRTALI					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ CPFNXT UWARN INSECNM INSACNM					
+---96+ +---16+ +---7+ +---+---+ +---124+					
+-----+-----+-----+-----+					
+---+---+ COSQL3 ERRRPT COEXEC COBINDN					
+---2+ +---2+ +---2+ +---2+					

PS 620141100
1 November 1985

126

```
+-----+
| GETNUM |
+-----+
|
+-----+-----+
| MRGET | ERRPRO | UERROR |
+-----+-----+-----3+
|
+-----+-----+-----+-----+
|           |           |
+-----+-----+-----+-----+
| COSQL3 | ERRRPT | COFETCH | GETNXNO | (CONT) |
+-----2+ +-----2+ +-----44+ +-----+ +---161+
|
+-----+-----+-----+-----+
|           |           |
+-----+-----+-----+-----+
| COSQL3 | ERRRPT | UPDNXNO | COFETCH | (CONT) |
+-----2+ +-----2+ +-----+ +---44+ +---162+
|
+-----+-----+-----+-----+
|           |           |
+-----+-----+-----+-----+
| COSQL3 | ERRRPT | COEXEC | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

127

INSDOM			
COSQL3	ERRRPT	COEXEC	COBINDN
2+	2+	2+	2+

PS 620141100
1 November 1985

128

```
+----+  
| INSEC |  
+---+---+  
|  
+-----+-----+-----+  
| | | |  
+---+---+ +---+---+ +---+---+ +---+---+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDM|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

129

+-----+					
CRTENT					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ INSECNM ADDATT ADDKC ADDKW					
+---98+ +---125+ +---42+ +---43+ +---18+ +-----+					

3-1245

PS 620141100
1 November 1985

130

+-----+ CRTMAP +---+---+ 						
+-----+-----+-----+-----+-----+ +---+---+---+---+---+---+ CPPONE VERENT SPRINTP UERROR ADDMAP (CONT) +---12+ +---14+ +-----+ +---3+ +---79+ +---163+						

PS 620141100
1 November 1985

131

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
CRTMOD						
+---+---+						
+-----+-----+-----+-----+-----+-----+-----+						
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
CPFONE VERMOD UERROR GETNNUM INSMOD (CONT)						
+---12+ +---21+ +---3+ +---126+ +---164+ +---165+						

PS 620141100
1 November 1985

132

```
+-----+
|CRTREL|
+---+---+
|
+-----+-----+-----+-----+-----+
| | | | | |
+---+---+---+---+---+---+
|UERROR|CPPONE|CPPNXT|VERREL|GETNUM| (CONT)
+---3+ +---12+ +---16+ +---80+ +---126+ +---166+
```

PS 620141100
1 November 1985

133

```
+-----+
|CRTVIEW|
+---+---+
|
+-----+-----+-----+-----+
|CPPONE| IVERVIEW| IERROR| IGETNUM| I(CONT)|
+---12+ +---+---+ +---3+ +---126+ +---167+
|
|
|
+---+---+
|ERRPRO|
+---+---+
```

3-1249

PS 620141100
1 November 1985

134

```
+-----+
|BRANCHR|
+-----+
|
+-----+-----+-----+-----+-----+-----+
| (CONT) | !DEFDB! !DEFREC! !DEFSET! !DRPDB! !(CONT) |
+---99+ +-168+ +---169+ +---+---+ +--170+ +---171+
|
+-----+-----+-----+-----+-----+-----+
| !GETDBST! !UERROR! !VERRSET! !CPPONE! !VERRT! !(CONT) |
+---172+ +---3+ +---+---+ +---12+ +--169+ +---173+
|
+-----+
| !ERRPRO! |
+-----+
```

PS 620141100
1 November 1985

135

+-----+ INSDT +---+---+ +-----+-----+-----+-----+ GETNUM SPRINTF UERROR COSQL3 (CONT) +----126+ +-----+ -----3+ +----2+ +--174+				

PS 620141100
1 November 1985

136

+-----+ (CONT) +---105+	+-----+ CHKAUCV +---+---+	+-----+ TOLOWER +-----+	+-----+ STRNCMP +-----+	+-----+ VERDB +---168+
+-----+ ERRPRO +-----+				

3-1252

PS 620141100
1 November 1985

137

	+-----+ DRPSMAP +-----+		
	+-----+-----+-----+-----+		
+---+---+ +---+---+ +---+---+ +---+---+	(CONT) DELIRCS DELIASM DELIPDF		
+---106+ +----175+ +----176+ +---+---+			
	+-----+-----+-----+-----+		
+---+---+ +---+---+ +---+---+ +---+---+	COSQL3 ERRRPT COEXEC COBINDN		
+----2+ +----2+ +----2+ +----2+			

PS 620141100
1 November 1985

138

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
FNDIMEM	VERRCMP	SPRINTF	UERROR	INSRCRS	FNDASA
+---177+	+---+---+	+-----+	+---3+	+---178+	+---+---+
+-----+	+-----+			+-----+	+-----+
ERRPRO				ERRPRO	
+-----+				+-----+	

PS 620141100
1 November 1985

139

+-----+ MAPADF +-----+					
+-----+-----+-----+-----+-----+					
VERASM SPRINTF UERROR INSPDF (CONT)					
+---344+ +-----+ +---3+ +-----+ +---179+ +-----+					
+-----+-----+-----+-----+					
COSQL3 ERRRPT COEXEC COBINDN					
+---2+ +---2+ +---2+ +---2+ +-----+					

PS 620141100
1 November 1985

140

```
+-----+
| ADDMAP |
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | !UERROR! !MAPASET! !TOUPPER! !VERDB!
+---107+ +----3+ +---+---+ +-----+ +--168+
|
+-----+-----+-----+-----+
|          |          |          |          |
+-----+-----+-----+-----+-----+
| PDFSRCH | !PRINTF! !UERROR! !VOMAPS! !(CONT)
+---344+ +-----+ +----3+ +---+---+ +---180+
|
+-----+
|          |          |
+-----+-----+
| UERROR! !ERRPRO!
+----3+ +-----+
```

PS 620141100
1 November 1985

141

	+-----+ ADDMIG +-----+				
+-----+ +-----+ +-----+ +-----+ +-----+	+-----+				
(CONT) INSAUC INSIAUC INSCRC ERRPRO					
+---108+ +---181+ +---182+ +---+---+ +---+---+					
+-----+ +-----+ +-----+ +-----+	+-----+				
+-----+ +-----+ +-----+ +-----+	+-----+				
COSQL3 ERRRPT COEXEC COBINDN					
+---2+ +---2+ +---2+ +---2+ +---2+					

PS 620141100
1 November 1985

142

+-----+	+-----+	+-----+	+-----+
BLOOPCK	COEXEC	CODFINN	COBINDN
+-----+	+-----+	+-----+	+-----+
(CONT)	109+	2+	102+
+-----+	+-----+	+-----+	+-----+

PS 620141100
1 November 1985

143

+-----+	+-----+	+-----+	+-----+
TLOOPCK			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
(CONT) COEXEC CODFINN COBINDN			
+---110+ +----2+ +---102+ +----2+			

3-1259

PS 620141100
1 November 1985

144

+-----+ CMBOA +-----+						
+-----+-----+-----+-----+-----+-----+						
VERATT GENATT GENDESCI CMBACAL ADPARM1 ERRPRO <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
+---13+ +---116+ +---146+ +---+---+ +---113+ +---+---+						
+-----+-----+ +-----+-----+-----+						
VERATT GENALI ERRPRO <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
+---13+ +---151+ +---+---+						

PS 620141100
1 November 1985

145

```
+-----+
| CMBEKW |
+---+---+
|
+-----+-----+-----+
| VERKWE | ADPARM1 | ERRPRO |
+---+---+-----+113+-----+
|
|
|
+-----+
| ERRPRO |
+-----+
```

PS 620141100
1 November 1985

146

```
+-----+
| GENDESC |
+-----+
|
+-----+ +-----+ +-----+
| ADDTXT | | ADDPARM | | ERRPRO |
+-----+ +-----58+ +-----+
|
|
|
+-----+
| WRTLIN |
+---58+
```

PS 620141100
1 November 1985

147

+-----+ !DEPFROM! +-----+				
+-----+-----+-----+-----+ SELECNM !VERRC !VERENT !VERRCNM !(CONT) +-----+---80+ +----14+ +----+---+ +---183+ 				
+-----+ !ERRPRO! +-----+	+-----+ VERENT !VERRC !ERRPRO! +----14+ +---80+ +-----+			

PS 620141100
1 November 1985

148

```
+-----+
| GENALTE |
+-----+
|
+-----+-----+
| NEXTKC | ADDPARM | NEXTKCM |
+-----+-----58+ +-----+
|
|
|
+-----+-----+
| STRNCPY | STRNCPY |
+-----+
```

3-1264

PS 620141100
1 November 1985

149

+-----+ INDFROM +-----+					
+-----+ +-----+ +-----+ +-----+ +-----+					
SELECNM VERRC VERENT VERRCNM (CONT)					
+---147+ +---80+ +---14+ +---147+ +---184+					

AD-A101 785

INTEGRATED INFORMATION SUPPORT SYSTEM (IIS) VOLUME 5

3/5

COMMON DATA MODEL S. (U) GENERAL ELECTRIC CO

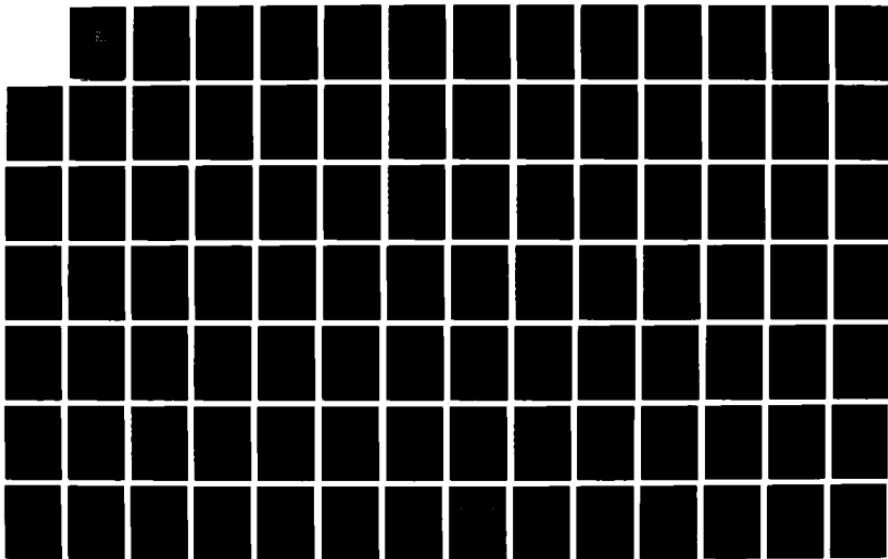
SCHENECTADY NY PRODUCTION RESOURCES CONSU.

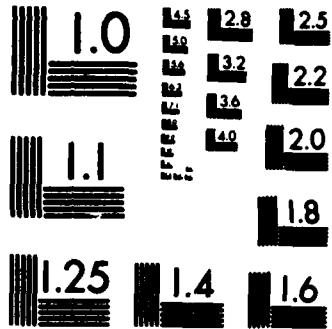
UNCLASSIFIED

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F/G 12/5

ML





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

PS 620141100
1 November 1985

150

+-----+ ICOPATT +-----+			
 +-----+-----+-----+-----+ (CONT) WRTACKW WRTDESC ERRPRO +---115+ +---+---+ +---185+ +-----+ +-----+-----+ +-----+-----+-----+ INSKWAC UERROR ERRPRO +---46+ +---3+ +-----+			

PS 620141100
1 November 1985

151

+-----+	+-----+	+-----+	+-----+	+-----+
FCOPATT				
+---+---+				
+-----+ +-----+ +-----+ +-----+ +-----+				
(CONT) GENDESC GENALI CLSFIL ERRPRO				
+---116+ +---146+ +---+---+ +---114+ +-----+				
+---+---+				
ADDPARM				
+---58+				

PS 620141100
1 November 1985

152

+-----+						
VEROBJ						
+---+---+						
+-----+-----+-----+-----+-----+-----+						
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
(CONT) VERATT VERENT VERKW VERVIEW (CONT)						
+---117+ +---13+ +---14+ +--284+ +---133+ +---186+						

3-1268

PS 620141100
1 November 1985

153

+-----+	+-----+	+-----+	+-----+	+-----+
CESTRUC				(CONT)
+-----+	+-----+	+-----+	+-----+	+-----+
IOPNFILE	ADDPARM	GENENT1	BLKCL1	
+-----+	+-----58+	+----113+	+---112+	+---187+

3-1269

PS 620141100
1 November 1985

154

+-----+					
!CERELS!					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ (CONT) !BLKGL1! DEPPFROM !GENALTE! (CONT)	+---+---+ ---119+ +---112+ +---147+ +---148+ +---188+	+---+---+	+---+---+	+---+---+	+---+---+

3-1270

PS 620141100
1 November 1985

155

+-----+	+-----+	+-----+
WRTECKW		
+-----+	+-----+	+-----+
+-----+-----+-----+		
+-----+-----+-----+		
INSKWECl	UERROR	ERRPRO
+-----47+	+-----3+	+-----+

PS 620141100
1 November 1985

156

+-----+				
COPYAC				
+---+---+				
+-----+-----+-----+-----+-----+				
BLDATT1	UERROR	ADDOAC	KEYLOOK	ERRPRO
+----189+	+----3+	+----42+	+----+	+----+
+-----+-----+-----+-----+-----+				
+----+----+	+----+----+	+----+----+	+----+----+	+----+----+
GETNNUM	UERROR	INSKC	INSKCM	ERRPRO
+----126+	+----3+	+--71+	+--101+	+----+

PS 620141100
1 November 1985

157

+-----+					
ALLEN T					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ COSQL3 ERRRPT COFETCH STRNCMP (CONT)					
+---2+ +---2+ +---44+ +-----+ +---190+					

PS 620141100
1 November 1985

158

```
+-----+
| TOPNODE |
+-----+
|
+-----+-----+-----+-----+-----+
| COSQL3 | ERRRPT | COFETCH | GETECNM | (CONT) |
+---2+ +---2+ +---44+ +---+---+ +---191+
|
|
|
+-----+
| STRNCPY |
+-----+
```

PS 620141100
1 November 1985

159

ALLREL				
BLRCKC	COSQL3	ERRRPT	COFETCH	(CONT)
+---192+	+----2+	+----2+	+-----44+	+---193+

PS 620141100
1 November 1985

160

+-----+					
ALLATT					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
(CONT) GENALI COEXEC COBINDN CODFINN					
+---122+ +---151+ +----2+ +----2+ +---102+					

3-1276

PS 620141100
1 November 1985

161

	+-----+					
	NRGET					
	+---+---+					
+-----+-----+-----+-----+-----+						
+---+---+ (CONT) +---+---+ DELREUS +---+---+ COEXEC +---+---+ COBINDN +---+---+						
+---126+ +---+---+ +---+---+ +---2+ +---+---+ +---2+ +---+---+102+						
+-----+-----+-----+-----+						
+---+---+ COSQL3 +---+---+ ERRRPT +---+---+ COEXEC +---+---+ COBINDN +---+---+						
+---2+ +---2+ +---2+ +---2+ +---2+						

PS 620141100
1 November 1985

162

+-----+			
!GETNMO!			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
!(CONT)!	!COEXEC!	!COBINDN!	!CODFINN!
+---126+	+----2+	+----2+	+----102+

3-1278

PS 620141100
1 November 1985

163

+-----+	CRTMAP	+---+---+	
+-----+ +-----+ +-----+ +-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
(CONT) CPFNXT VERREL VERAUC			
+---130+ +---16+ +---80+ +---51+			

3-1279

PS 620141100
1 November 1985

164

+-----+	+-----+	+-----+	+-----+
INSMOD			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

165

+-----+	+-----+	+-----+
CRTMOD		
+---+---+		
+-----+ +-----+ +-----+		
+---+---+ +---+---+ +---+---+		
(CONT) UWARN ERRPRO		
+---131+ +---7+ +-----+		

PS 620141100
1 November 1985

166

+-----+ (CRTREL) +-----+				
+-----+-----+-----+-----+ (CONT) CHKCARD INSRC ADDMIG ADDKW +---132+ +---194+ +---+---+ +---81+ +---18+ +-----+-----+-----+-----+				
+-----+-----+-----+-----+ COSQL3 ERRRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+ +-----+-----+-----+-----+				

PS 620141100
1 November 1985

167

+-----+	+-----+	+-----+	+-----+
CRTVIEW			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
(CONT) INSSEC BLVWLST REMVIEW			
+---133+ +---195+ +---+---+ +---+---+196+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
CPPFONE UERROR CPPFNXT CPFCOR			
+---12+ +---3+ +---16+ +---211+			

PS 620141100
1 November 1985

168

```
+-----+
| DEPDB |
+---+---+
|
+-----+-----+-----+-----+-----+-----+
| CPPONE | LOWUPP | VERDB | UERROR | GETNUM | (CONT) |
+---12+ +---12+ +---+---+ +---3+ +---126+ +---197+
|
|
+-----+
| ERRPRO |
+-----+
```

3-1284

PS 620141100
1 November 1985

169

```
+-----+
|DEPREC|
+---+---+
|
+-----+-----+-----+-----+-----+-----+
|GETRDH| UERROR| VERRT| INSRTYP| DEFAREA| (CONT)|
+---198+ +----3+ +---+---+ +---199+ +---200+ +---201+
|
+-----+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

170

+-----+					
DRPDB					
+---+---+					
+-----+-----+-----+-----+-----+					
CPPONE LOWUPP VERDBAS UERROR (CONT)					
+----12+ +----12+ +----+----+ +----3+ +---202+					
+---+---+					
ERRPRO					
+-----+					

3-1286

PS 620141100
1 November 1985

171

+-----+ BRANCHR +-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
(CONT) DRPFLD DRPREC DRPSET DESCRB (CONT)					
+---134+ +---203+ +---+---+ +---204+ +---205+ +---206+					
+-----+ +-----+ +-----+ +-----+ +-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
GETDRT UERROR DELRTY2 ADDRNUM (CONT)					
+---207+ +---3+ +---208+ +---355+ +---209+					

PS 620141100
1 November 1985

172

+-----+	+-----+	+-----+	+-----+	+-----+
GETDBST				
+-----+	+-----+	+-----+	+-----+	+-----+
+-----+ +-----+ +-----+ +-----+ +-----+				
ICPFONE VERDBAS UERROR CHGLOBL (CONT)				
+----12+ +----170+ +----3+ +-----+ +---210+				

PS 620141100
1 November 1985

173

```
+-----+
!DEFSET!
+---+---+
|
+-----+-----+-----+-----+
| (CONT) | !CPFNXT! | INSTM | !GETNUM! | (CONT) |
+---134+ +---16+ +---+---+ +---126+ +---211+
|
+-----+-----+-----+-----+
|           |           |           |
+---+---+ +---+---+ +---+---+ +---+---+
| COSQL3 | !ERRRPT! | COEXEC | !COBINDN |
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

174

+-----+						
INSDT						
+---+---+						
+-----+-----+-----+-----+						
+---+---+---+---+---+---+---+						
(CONT) ERRRPT COEXEC COBINDN						
+---135+ +----2+ +----2+ +----2+						

3-1290

PS 620141100
1 November 1985

175

+-----+	+-----+	+-----+	+-----+
DELI RCS			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

176

	+-----+			
	DELIASM			
	+---+---+			
	+-----+-----+-----+-----+			
	+---+---+ +---+---+ +---+---+ +---+---+			
	COSQL3 ERRRPT COEXEC COBINDN			
	+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

177

+-----+	
FND1MEM	
+---+---+	
+---+---+	
+---+---+ +---+---+	
UERROR ERRPRO	
+---3+ +-----+	

3-1293

PS 620141100
1 November 1985

178

+-----+			
INSRCRS			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

179

	+-----+				
	MAPADF				
	+---+---+				
	+-----+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
(CONT) PDFSRCH VERDTD VERSDT (CONT)					
+---139+ +---344+ +---49+ +---48+ +---212+					

3-1295

PS 620141100
1 November 1985

180

+-----+ MAPASET +-----+					
 +-----+-----+-----+-----+-----+ (CONT) INSAUCS FNDASA VERRCBS VERSMS +---140+ +---+---+ +---138+ +---+---+ +---+---+ +-----+-----+-----+-----+ +-----+-----+-----+-----+-----+-----+ COSQL3 ERRRPT COEXEC COBINDN ERRPRO ERRPRO +---2+ +---2+ +---2+ +---2+ +---+ +---+ +-----+-----+-----+-----+-----+-----+					

PS 620141100
1 November 1985

181

+-----+	IMSAUC	+---+---+	
+-----+ +-----+ +-----+ +-----+			
COSQL3 ERRRPT COEXEC COBINDN			
+----2+ +----2+ +----2+ +----2+			

PS 620141100
1 November 1985

182

+-----+	+-----+	+-----+	+-----+
INSIAUC			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ ERRRPT COEXEC COBINDN			
+-----2+ +-----2+ +-----2+ +-----2+			

PS 620141100
1 November 1985

183

	+-----+ DEPFROM +-----+				
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+	+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+				
(CONT) GENRNME BLKCL1 MIGREL CMBRKW (CONT)					
+--147+ +---+---+ +---112+ +---213+ +---+---+ +---214+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+	+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+				
ADDPARM VERKWR ADDPARM ERRPRO					
+---58+ +---+---+ +---58+ +---+---+ +---+---+ +---+---+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+	+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+				
ERRPRO					
+---+---+					

PS 620141100
1 November 1985

184

INDFROM				
(CONT)	GENRNME	MIGREL	CMBRKW	(CONT)
+---149+	+---183+	+---213+	+---183+	+---215+

3-1300

PS 620141100
1 November 1985

185

+-----+ WRTDESC +-----+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

186

```
+-----+
| VEROBJ |
+---+---+
|
+-----+-----+-----+-----+-----+
| | | | | |
+---+---+---+---+---+---+
|(CONT)| VERDOM| VERMOD| VERDB| SPRINTF| (CONT)
+---152+ +---19+ +---21+ +---168+ +-----+ +---216+
```

PS 620141100
1 November 1985

187

	+-----+ CESTRUC +-----+			
+-----+ +-----+ +-----+ +-----+ +-----+				
(CONT) GENALTE DEPATT DEPENT (CONT)				
+---153+ +---148+ +---217+ +---+ +---218+				
+-----+ +-----+ +-----+ +-----+ +-----+				
+---+ +---+ +---+ +---+ +---+				
COSQL3 ERRRPT COFETCH STRNCMP (CONT)				
+---2+ +---2+ +---44+ +---+ +---219+				

PS 620141100
1 November 1985

188

+-----+	+-----+	+-----+	+-----+
CERELS	INDFROM	CLSFIL	ERRPRO
+---+---+	+---+---+	+---+---+	+---+---+
(CONT)	154	149	114
+---+---+	+---+---+	+---+---+	+---+---+

3-1304

PS 620141100
1 November 1985

189

+-----+ BLDATT1 +-----+						
+-----+-----+-----+-----+-----+ VERATT UWARN GETNNUM UERROR INSAC (CONT) +---13+ +---7+ +---126+ +---3+ +--123+ +--220+ +-----+-----+-----+-----+-----+						

PS 620141100
1 November 1985

190

```
+-----+
| ALLEN |
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | BLECLST | GENENT | STRNCPY | (CONT) |
+---157+ +---+---+ +---221+ +-----+ +---222+
|
|
|
+-----+
| ADDECNM |
+-----+
|
+-----+-----+
| ALLOC | STRNCPY |
+-----+-----+
```

PS 820141100
1 November 1985

191

```
+-----+
| TOPNODE |
+-----+
|
+-----+-----+-----+-----+-----+
|(CONT)| GENALTE | COEXEC | COBINDN | CODFINN |
+---158+ +---148+ +----2+ +----2+ +---102+
```

3-1307

PS 620141100
1 November 1985

192

+-----+ BLRCKC +---+---+ 	+-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ INITRDL COSQL3 ERRRPT COFETCH (CONT) +-----+ +-----2+ +-----2+ +-----44+ +---223+ +-----+ +-----+ +-----+ +-----+ +-----+			

3-1308

PS 620141100
1 November 1985

193

```
+-----+
| ALLREL |
+---+---+
|
+-----+-----+-----+-----+
| (CONT) | GETECNM | GENREL | GENDESC | (CONT) |
+---159+ +---158+ +---+---+ +---146+ +---224+
|
+-----+-----+-----+-----+
| GENRNME | MIGREL | ADDPARM | GENRKW |
+---183+ +---213+ +---58+ +---+---+
|
+-----+-----+
| ADDPARM | ERRPRO |
+---58+ +---+---+
```

PS 620141100
1 November 1985

194

+-----+ CHKCARD +-----+				
+-----+-----+-----+-----+-----+				
+---+---+ CPFONE LOWUPP UWARN CPFNXT UERROR	+---+---+ 12+ 12+ 7+ 16+ 3+	+---+---+ +-----+ +-----+ +-----+ +-----+		

3-1310

PS 620141100
1 November 1985

195

+-----+				
INSSSEC				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
ICOSQL3 ERRRPT COEXEC COBINDN				
+-----2+ +-----2+ +-----2+ +-----2+				

PS 620141100
1 November 1985

196

```
+-----+
|REVIEW|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|UERROR| |P1FROM| |EXPRCLT| |VERRELS| |PMFROM| |BLSECRC|
+---3+ +---225+ +-----+ +---+---+ +---226+ +---227+
|
+-----+-----+
|VERREL| |UERROR| |CDP4A|
+---80+ +---3+ +---+---+
|
+-----+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

197

+-----+	DEFDB	+---+---+				
+-----+-----+-----+-----+-----+-----+						
(CONT) INSDB DEFORCL DEFTOT DEFIMS (CONT)						
+---168+ +--228+ +---229+ +---230+ +---231+ +---232+						

PS 620141100
1 November 1985

198

```
+-----+
| GETRDH |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| CPFONE | VERDBAS | UERROR | CHGLOBL | GETGLOB | ERRPRO |
+-----12+ +----170+ +----3+ +-----+ +-----+ +-----+
|
|
|
+-----+
| STRNCPY |
+-----+
```

PS 620141100
1 November 1985

199

+-----+					
INSRTYP					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ GETNNUM SPRINTF UERROR COSQL3 (CONT)					
+---126+ +-----+ +----3+ +----2+ +---233+					

PS 620141100
1 November 1985

200

```
+-----+
|DEFAREA|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|CPFONE| |VERAREA| |UERROR| |INSDAA| |CPFNXT| |ERRPRO|
+----12+ +----230+ +----3+ +----+ +----16+ +----+
|
+-----+-----+-----+-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+----2+ +----2+ +----2+ +----2+
```

PS 620141100
1 November 1985

201

+-----+ DEFREC +---+---+ +-----+-----+-----+-----+ (CONT) DEFIMSS DEFFLD DEFKEY ERRPRO +---169+ +---234+ +---235+ +---236+ +-----+				
--	--	--	--	--

PS 620141100
1 November 1985

202

```
+----+  
!DRPDB!  
+---+---+  
|  
+-----+-----+-----+-----+  
| | | |  
+--+--+ !DELDDBS1! !DELSM1! !DELDBRT! !!(CONT)!  
+---170+ +---237+ +---+---+ +---238+ +---239+  
|  
+-----+-----+-----+  
| | | |  
+--+--+ !COSQL3! !ERRRPT! !COEXEC! !COBINDN!  
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

203

+-----+	+-----+	+-----+	+-----+	+-----+
DRPFLD				(CONT)
+---+---+				+---+---+
+-----+-----+-----+-----+-----+				
ICPFONE UERROR VERDBAS VERDFLD				
+---+12+ +---+3+ +---+170+ +---+211+ +---+240+				

PS 620141100
1 November 1985

204

+-----+
!DRPSET!
+---+---+
|
+-----+-----+-----+-----+
| | | | |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
!CPFONE! !VERDBAS! !UERROR! !VERRSET! !(CONT)!
+---12+ +---170+ +---3+ +---134+ +---241+

PS 620141100
1 November 1985

205

+-----+ DESCRB +---+---+ +-----+-----+-----+-----+-----+ +---+---+---+---+---+---+ !CPPONE! !VEROBJ! !TXTTYP! !RDDESC! !LOADESC! !(CONT)! +---12+ +---91+ +---+---+ +---242+ +---+---+ +---243+ +-----+-----+ +-----+-----+ !CPPONE! !SPRINTF! !UWARN! +---12+ +---+---+ +---7+					
--	--	--	--	--	--

PS 620141100
1 November 1985

206

+-----+ BRANCHR +-----+						
+---+----+ +---+----+ +---+----+ +---+----+ +---+----+ +---+----+						
(CONT) DRPATT DRPDOM DRPALI DRPVIEW (CONT)						
+---171+ +---244+ +---245+ +---246+ +---247+ +---248+						

3-1322

PS 620141100
1 November 1985

207

+-----+			
!GETDRT!			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
!CPFONE!	!UERROR!	!VERDBAS!	!VERRT!
+---12+	+---3+	+---170+	+--169+

3-1323

PS 620141100
1 November 1985

208

DELRTY2			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ COSQL3 ERRRPT COEXEC COBINDN	+---+---+ -----2+ -----2+ -----2+ -----2+	+---+---+ -----2+ -----2+ -----2+ -----2+	+---+---+ -----2+ -----2+ -----2+ -----2+

PS 620141100
1 November 1985

209

+-----+
!DRPREC!
+---+---+
|
+-----+-----+-----+-----+
| | | |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+
!(CONT)! !DELTEXT! !DELDAA2! !DELDFL2! !(CONT)!
+---171+ +---373+ +---249+ +---250+ +---251+

PS 620141100
1 November 1985

210

+-----+	+-----+	+-----+	+-----+
GETDBST	GETGLOB	CPFNXT	ERPRO
+-----+	+-----+	+-----+	+-----+
(CONT)	172+	198+	16+
+-----+	+-----+	+-----+	+-----+

PS 620141100
1 November 1985

211

+-----+ DEFSET +---+---+ . +-----+-----+-----+-----+-----+-----+					
(CONT)	INSRSET	VERDFLD	INSDSL	CPFCOR	LOWUPP
+---173+	+---252+	+---+---+	+---253+	+---+---+	+---12+
. . . +---+---+ ERRPRO +---+---+ +-----+-----+ STRNCPY +-----+					

PS 620141100
1 November 1985

212

```
+-----+
| MAPADF |
+-----+
|
+-----+-----+-----+-----+
| (CONT) | FINDDOM | VERPDF | VERDF |
+---179+ +----49+ +----49+ +----+
|
|
|
+-----+
| ERRPRO |
+-----+
```

PS 620141100
1 November 1985

213

```
+-----+
| MIGREL |
+---+---+
|
+-----+-----+-----+-----+
| VERRCC | NEXTKC | ADDPARM | SELIAUC |
+---323+ +---148+ +----58+ +---+---+
|
+-----+-----+-----+-----+-----+
| COSQL3 | ERRRPT | COFETCH | FMTIAUC | (CONT) |
+----2+ +----2+ +----44+ +---+---+ +---254+
|
+-----+
| ADDPARM |
+----58+
```

PS 620141100
1 November 1985

214

+-----+ DEPFROM +-----+			
+-----+ (CONT) +---183+ +-----+ ADDPARM +----58+ +-----+	+-----+ GENDESC +----146+ +-----+	+-----+ ERRPRO +-----+	

3-1330

PS 620141100
1 November 1985

215

+-----+				
INDFROM				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
(CONT) ADDPARM GENDESC ERRPRO				
+---184+ +----58+ +---146+ +-----+				

PS 620141100
1 November 1985

216

+-----+				
VEROBJ				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ (CONT) +---+---+ UERROR +---+---+ VERRT +---+---+ VERRSET				
+---186+ +-----3+ +--169+ +----134+				

3-1332

PS 620141100
1 November 1985

217

+-----+ DEPATT +---+---+ +-----+-----+-----+-----+ COSQL3 ERRRPT COFETCH STRNCMP (CONT) +-----2+ +-----2+ +----44+ +-----+ +--255+				

PS 620141100
1 November 1985

218

+-----+ CESTRUC +-----+				
 +-----+-----+-----+-----+ (CONT) DPKCLST DEPREL CLSFIL ERRPRO +---187+ +---+---+ +---256+ +---114+ +-----+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ COSQL3 ERRRPT COFETCH AKCROW (CONT) +---2+ +---2+ +---44+ +---112+ +---257+ +-----+				

PS 620141100
1 November 1985

219

+-----+					
DEPEND					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ (CONT) +---+---+ GENDESC +---+---+ BLECLST +---+---+ GENENT +---+---+ (CONT) +					
+---187+ +---146+ +---190+ +---221+ +---258+					

3-1335

PS 620141100
1 November 1985

220

+-----+ BLDATT1 +-----+					
+-----+-----+-----+-----+-----+					
(CONT) WRTANAM WRTACKW INSACNM WRTDESC					
+---189+ +---+---+ +---+150+ +---+124+ +---+185+					
+-----+-----+-----+					
+-----+-----+-----+					
INSACNM UERROR ERRPRO					
+---124+ +---+3+ +-----+					

3-1336

PS 620141100
1 November 1985

221

```
+-----+
|GENENT|
+-----+
|
+-----+-----+
|          |
|ADDPARM| |GENOA| |GENEKW|
+---58+ +---+-----+
|
+-----+-----+
|          |
|ADDPARM| |ERRPRO| |ADDPARM| |ERRPRO|
+---58+ +-----+ +---58+ +-----+
```

PS 620141100
1 November 1985

222

+-----+						
ALLENT						
+---+---+						
+-----+-----+-----+-----+-----+-----+						
(CONT) GENDESC GENALI COEXEC COBINDN CODFINN						
+---190+ +---146+ +---151+ +----2+ +----2+ +---102+						

PS 620141100
1 November 1985

223

+-----+ BLRCKC +---+---+ +-----+-----+-----+-----+ (CONT) ADDRCEC COEXEC COBINDN CODFINN +---192+ +---+---+ +----2+ +-----2+ +---102+ +-----+-----+ +-----+-----+ SELIKEY UERROR +---+---+ +----3+ +-----+ ERRPRO +-----+				

PS 620141100
1 November 1985

224

ALLREL					
(CONT)	ALLKEY	STRNCPY	COEXEC	COBINDN	CODFINN
193+	259+		2+	2+	102+

PS 620141100
1 November 1985

225

+-----+					
P1FROM					
+-----+					
+-----+ +-----+ +-----+ +-----+ +-----+					
VERENT UERROR ALLVIEW SMVIEW CHKDOMS					
+---14+ +---3+ +---+---+ +---260+ +---261+					
+-----+ +-----+ +-----+ +-----+ +-----+					
VERSDT UERROR INSDII INSPDI ERRPRO					
+---48+ +---3+ +---262+ +---+---+ +-----+					
+-----+ +-----+ +-----+ +-----+					
COSQL3 ERRRPT COEXEC COBINDN					
+---2+ +---2+ +---2+ +---2+					

PS 620141100
1 November 1985

226

```
+-----+
| PMFROM |
+-----+
|
+-----+-----+
| | | | |
+---+---+ | +---+---+
| EXPRTLT | | PNOFROM |
+---+---+ | +---+---+
| | | | |
+-----+ | +-----+-----+
| | | | |
+---+---+ | UERROR | | VERENT | | CHKDOMS |
+---+---+ | 3+ | | 3+ | | 14+ | | 261+
+-----+
```

PS 620141100
1 November 1985

227

+-----+			
BLSECRC			
+-----+			
+-----+ +-----+			
INSSECR UERROR			
+-----+ +-----3+			
+-----+ +-----+-----+			
+-----+ +-----+ +-----+ +-----+			
COSQL3 ERRRPT COEXEC COBINDN			
+-----2+ +-----2+ +-----2+ +-----2+			

PS 620141100
1 November 1985

228

	+-----+ INSDB +---+--+		
	+-----+-----+-----+-----+		
	+---+---+ ERRRPT COEXEC COBINDN		
	+---2+ -----2+ +-----2+ +-----2+		

PS 620141100
1 November 1985

229

	+-----+		
	DEFORCL		
	+-----+		
+-----+ +-----+ +-----+ +-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
CPPONE UERROR INSPWRD ERRPRO			
+---12+ +---3+ +---+---+ +---+---+			
	+-----+ +-----+ +-----+ +-----+		
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

230

+-----+ DEFTOT +---+---+ +-----+-----+-----+-----+-----+ +---+---+---+---+---+---+ CPFONE UERROR VERAREA INSAREA CPFNXT ERRPRO +---12+ +---3+ +---+---+ +---263+ +---16+ +---+---+ +---+---+ ERRPRO +---+---+					
--	--	--	--	--	--

PS 620141100
1 November 1985

231

+-----+ DEFIMS +---+---+ +-----+-----+-----+-----+-----+ CPPONE UERROR CPPMXT VERPSB INSPSB (CONT) +---12+ +----3+ +---16+ +---+---+ +---264+ +---265+ +---+---+ ERRPRO +-----+					
--	--	--	--	--	--

PS 620141100
1-November 1985

232

```
+-----+
| DEFDB |
+-----+
|
+-----+-----+-----+
| | | |
|(CONT)| DEFCDL | CHGLOBL | ERRPRO |
+---197+ +-----+ +-----+ +-----+
|
+-----+-----+-----+-----+-----+
| | | | | |
|CPFONE| UERROR | CPFNXT | INSSCH | VERAREA | (CONT) |
+---12+ +---3+ +---16+ +-----+ +---230+ +---266+
|
+-----+-----+-----+
| | | |
|COSQL3| ERRPT | COEXEC | COBINDN |
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

233

+-----+		+-----+		+-----+
	!INSERTYP!		!COBINDW!	
+---+---+		+---+---+		+---+---+
+---+---+ +---+---+ +---+---+ +---+---+				
(CONT) ERRRPT COEXEC COBINDW				
+---199+ +----2+ +----2+ +----2+				

PS 620141100
1 November 1985

234

```
+-----+
|DEFIMSS|
+---+---+
|
+-----+-----+-----+
|CPPONE| UERROR| INSISS| ERRPRO|
+---12+ +---3+ +---+---+ +-----+
|
+-----+-----+-----+
|COSQL3| ERRRPT| COEXEC| COBINDN|
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

235

```
+-----+
|DEFFLD|
+-----+
|
+-----+-----+-----+-----+-----+
| | | | |
+---+---+---+---+---+---+
|CPPONE| CPFCOR| LOWUPP| INSDFLD| UERROR| (CONT)
+---12+ ---211+ ---12+ +---+---+ +---3+ ---267+
|
+-----+-----+-----+-----+
| | | | |
+---+---+---+---+---+---+
|GETNNUM| SPRINTF| UERROR| COSQL3| (CONT)
+---126+ +-----+ +---3+ +---2+ ---268+
```

PS 620141100
1 November 1985

236

```
+-----+
|DEFKEY|
+-----+
|
+-----+-----+-----+-----+-----+-----+
|CPFONE| CPFCOR| VERRK| UERROR| INSRKEY| (CONT)
+---12+ +---211+ +---+ +---3+ +---269+ +---270+
|
|
+-----+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

237

+-----+ DELDBS1 +-----+			
 +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ COSQL3 ERRRPT COEXEC COBINDW +---2+ +---2+ +---2+ +---2+			

3-1353

PS 620141100
1 November 1985

236

+-----+	+-----+	+-----+	+-----+	+-----+
DELDERT	UERROR	ADDRNUM	DELTEXT	ERRPRO
+-----+ 208+	+-----+ 3+	+-----+ 355+	+-----+ 373+	+-----+

PS 620141100
1 November 1985

230

	+-----+ DRPDS +---+---+ +-----+-----+-----+-----+ (CONT) DELDAA DELDSDF DELDDBST (CONT) +---202+ +----+---+ +---271+ +---272+ +---273+ +-----+-----+-----+ +-----+-----+-----+-----+ COBQL3 ERRRPT COEXEC COBINDW +-----2+ +----2+ +----2+ +----2+
--	--

3-1355

PS 620141100
1 November 1985

240

```
+-----+
|DRPFLD|
+---+---+
|
+-----+-----+-----+-----+-----+
| (CONT) | ADDRNUM | DELTEXT | VERDSL3 | (CONT) |
+---203+ +---355+ +---373+ +---+---+ +---274+
|
|
+---+---+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

241

	+-----+ DRPSET +---+---+ +-----+-----+-----+-----+ (CONT) !DELRST2! !DELSTM2! !DELASM2! (CONT) +---204+ +---275+ +---+---+ +---336+ +---276+ +-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ !COSQL3! !ERRRPT! !COEXEC! !COBIMDN! +---2+ +---2+ +---2+ +---2+
--	---

PS 620141100
1 November 1985

242

RDDESC				
ICOSQL3	ERRRPT	SPRINTF	UERROR	(CONT)
2+	2+		3+	277+

PS 620141100
1 November 1985

243

+-----+					
DESCRB					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ (CONT) +---+---+ TOUPPER +---+---+ VERDSTP +---+---+ SPRINTF +---+---+ UERROR					
+---205+ +-----+ +----61+ +-----+ +-----+ +----3+					

PS 620141100
1 November 1985

244

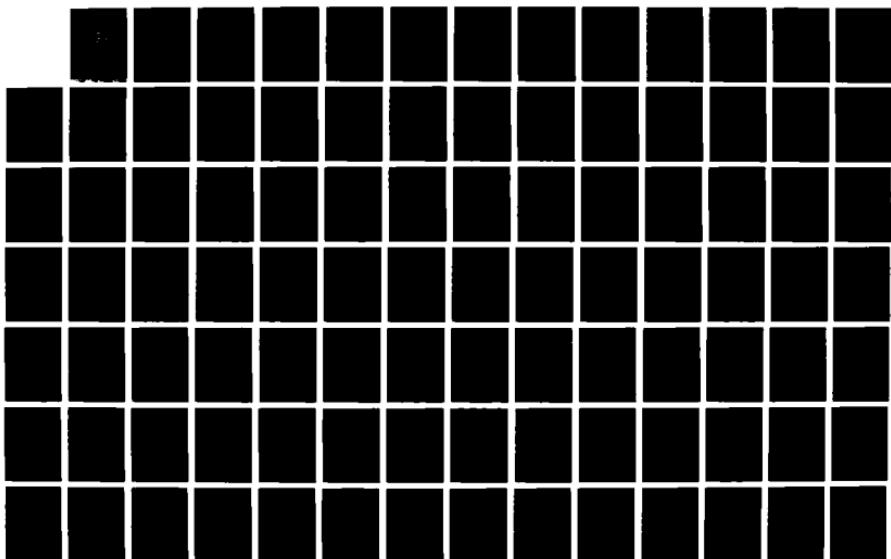
+-----+ DRPATT +---+---+ +-----+-----+-----+-----+-----+ CPPONE DELNTKC VERATT DELOAD DELAC (CONT) +---12+ +---44+ +---13+ +---278+ +--279+ +---280+					
--	--	--	--	--	--

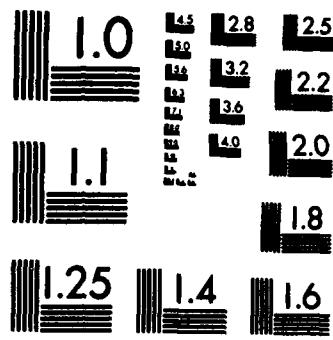
PS 620141100
1 November 1985

245

+-----+	+-----+	+-----+	+-----+	+-----+
DRPDON				
+-----+	+-----+	+-----+	+-----+	+-----+
+-----+ +-----+ +-----+ +-----+ +-----+				
CPPONE VERDOM UERROR VERACDT (CONT)				
+-----+12+ +-----+19+ +-----+3+ +-----+ +-----+281+				
+-----+ +-----+				
+-----+ +-----+				
UWARN ERRPRO				
+-----+7+ +-----+				

RD-R101 705 INTEGRATED INFORMATION SUPPORT SYSTEM (I.I.S.S.) VOLUME 5 4/5
COMMON DATA MODEL S. (U) GENERAL ELECTRIC CO
SCHENECTADY NY PRODUCTION RESOURCES CONSU..
UNCLASSIFIED 5 SINGH ET AL. 01 NOV 85 PS-620141100 F/G 12/5 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PS 620141100
1 November 1985

246

+-----+
!DRPALI!
+---+---+
|
+-----+-----+-----+-----+-----+
| | | | | |
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+
!CPPONE! !LOWUPP! !VERENT! !UERROR! !VERATT! !(CONT)
+---12+ +---12+ +---14+ +---3+ +---13+ +---282+

PS 620141100
1 November 1985

247

	+-----+				
	DRPVIEW				
	+---+---+				
+-----+-----+-----+-----+-----+					
+---+---+ VERVIEW UERROR DELPDI (CONT)					
+---12+ +---133+ +---3+ +---+---+ +---283+					
	+-----+-----+-----+-----+				
+---+---+ COSQL3 ERRRPT COEXEC COBINDN					
+---2+ +---2+ +---2+ +---2+					

3-1363

PS 620141100
1 November 1985

248

+-----+ BRANCHR +-----+					
 +-----+-----+-----+-----+-----+ (CONT) IDRPKWC DRPMAP DRPENT IDRPMOD (CONT) +--206+ +--284+ +--285+ +--286+ +--287+ +-----+-----+-----+-----+-----+ +---+----+ +---+----+ +---+----+ +---+----+ +---+----+ +---+----+ CPFONE VERENT UERROR FNDOAC FNDAUC (CONT) +---12+ +---14+ +---3+ +---288+ +---+----+ +---289+ +-----+-----+ +---+----+ +---+----+ +---+----+ DELAUC UERROR ERRPRO +---307+ +---3+ +-----+					

PS 620141100
1 November 1985

249

+-----+ DELDAA2 +-----+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

250

+-----+ DELDPL2 +-----+						
+-----+-----+-----+-----+-----+-----+ COSQL3 ERRRPT COFETCH DELTEXT DRPDF (CONT) +-----2+ +-----2+ +-----44+ +---373+ +--290+ +---291+ +-----+-----+-----+-----+-----+-----+						

PS 620141100
1 November 1985

251

```
+-----+
| DRPREC |
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | PDPREC | DELRKY2 | DELRKM2 | (CONT) |
+---209+ +---292+ +---338+ +---+---+ +---293+
|
+-----+-----+-----+-----+
|           |           |           |
+-----+-----+-----+-----+
| COSQL3 | ERRRPT | COEXEC | COBINDN |
+---2+   +---2+   +---2+   +---2+
```

PS 620141100
1 November 1985

252

```
+-----+
| INSRSET |
+-----+
|
+-----+-----+-----+-----+
| ICOSQL3 | ERRRPT | COEXEC | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

253

+-----+				
INSDL				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ COSQL3 ERRRPT COEXEC COBINDN				
+-----2+ +-----2+ +-----2+ +-----2+				

PS 620141100
1 November 1985

254

	+-----+					
	SELIAUC					
	+---+---+					
	+-----+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
(CONT) STRNCPY COEXEC COBINDM CODFINN						
+---213+ +-----+ +----2+ +-----2+ +----102+						

3-1370

PS 620141100
1 November 1985

255

+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
DEPATT	GENDESC	GENATT	STRNCPY	(CONT)	
+---+---+	+---+---+	+---+---+	+---+---+	+---+---+	
(CONT)	GENDESC	GENATT	STRNCPY	(CONT)	
+---217+	+---146+	+---116+	+-----+	+---294+	

PS 620141100
1 November 1985

256

DEPREL				
1	2	3	4	5
COSQL3	ERRRPT	BLRCKC1	COFETCH	(CONT)
+---2+	+---2+	+---2+	+---44+	+---295+
INITRDL	COSQL3	ERRRPT	COFETCH	(CONT)
+-----+2+	+-----2+	+-----2+	+-----44+	+---296+

PS 620141100
1 November 1985

257

	+-----+ DPKCLST +---+---+ +-----+-----+-----+-----+ (CONT) STRNCPY COEXEC COBINDN CODFINN +---218+ +-----+ +----2+ +-----2+ +----102+
--	---

PS 620141100
1 November 1985

258

	+-----+ DEPENT +---+---+ +-----+-----+-----+-----+ (CONT) STRNCPY GENALI COEXEC COBINDN CODFINN +---219+ +-----+ ---151+ +----2+ +----2+ +---102+
--	---

PS 620141100
1 November 1985

259

+-----+	+-----+	+-----+	+-----+
ALLKEY	GENALT1	CHKINH	ERRPRO
+-----+	+-----+	+-----+	+-----+
ICHKOWN			
+-----+	+-----+	+-----+	+-----+
NEXTKC	UERROR	NEXTKC	ADDPARM
+---148+	+---3+	+---148+	+---58+
+-----+	+-----+	+-----+	+-----+
+---148+			+---148+

PS 620141100
1 November 1985

260

```
+-----+
|SMVIEW|
+---+---+
|
+-----+-----+-----+-----+-----+
|GETDOM| |UERROR| |VERSDT| |IMSDI| |INSPDI|
+---+---+-----3+ +---48+ +--262+ +---225+
|
|
|
+-----+
|ERRPRO|
+-----+
```

PS 620141100
1 November 1985

261

+-----+ CHKDOMS +-----+						
+-----+-----+-----+-----+-----+-----+						
GETDOM UERROR VERDTD INSDI INSPDI VERSDT						
+--260+ +----3+ +---49+ +--262+ +--225+ +---48+						

3-1377

PS 620141100
1 November 1985

262

+-----+								
INSDI								
+---+---+								
+-----+-----+-----+-----+-----+								
+---+---+---+---+---+---+---+---+---+								
GETNUM SPRINTF UERROR COSQL3 (CONT)								
+----+126+ +-----+ +-----3+ +----+2+ +----+297+								

PS 620141100
1 November 1985

263

```
+-----+
| INSAREA |
+-----+
|
+-----+-----+-----+-----+
|          |          |          |
| ICOSQL3 | ERRRPT  | COEXEC  | COBINDN |
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

264

+-----+				
INSPSB				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
COSQL3 ERRRPT COEXEC COBIMDN				
+-----2+ +-----2+ +-----2+ +-----2+				

PS 620141100
1 November 1985

265

```
+-----+
|DEFIMS|
+---+---+
|
+-----+-----+
| | |
+---+---+ +---+---+ +---+---+
|(CONT)| |INSPCB| |ERRPRO|
+---231+ +---+---+ +-----+
|
+-----+-----+-----+
| | | |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

266

+-----+			
DEFCDL			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
(CONT) UWARN INSAREA ERRPRO			
+---232+ +----7+ +----263+ +-----+			

3-1382

PS 620141100
1 November 1985

267

	+-----+ DEFFLD +---+---+ +-----+ +-----+ +-----+ +-----+		
+---+---+ +---+---+ +---+---+ +---+---+			
(CONT) INSSDFL CPFNXT ERRPRO			
+---235+ +---+---+ +---16+ +-----+			
	+-----+ +-----+ +-----+ +-----+		
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

268

+-----+			
INSDFLD			
+-----+			
+-----+-----+-----+-----+			
+---+---+ (CONT) ERRRPT COEXEC COBINDN	+---+---+ 235 2+ 2+ 2+	+---+---+ 2+ 2+ 2+ 2+	+---+---+ 2+ 2+ 2+ 2+
-----	-----	-----	-----

3-1384

PS 620141100
1 November 1985

269

INSRKEY			
COSQL3	ERRRPT	COEXEC	COBINDN
2+	2+	2+	2+

PS 620141100
1 November 1985

270

```
+-----+
| DEFKEY |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| (CONT) | CPFVAL | CPFNXT | VERRKM | INSRKM | ERRPRO |
+---236+ +-----+ +---16+ +---+---+ +---298+ +-----+
|
|
|
+-----+
| ERRPRO |
+-----+
```

PS 620141100
1 November 1985

271

	+-----+					
	DELDDBDF					
	+---+---+					
	+-----+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
DELDFL3 UERROR ADDRNUM DELTEXT ERRPRO						
+---356+ +---3+ +---355+ +---373+ +-----+						

PS 620141100
1 November 1985

272

+-----+						
DELDNST						
+---+---+						
+-----+-----+-----+-----+-----+						
+---+---+---+---+---+---+---+---+						
DELRST2 UERROR ADDRNUM DELTEXT ERRPRO						
+---275+ +---3+ +---355+ +---373+ +-----+						

PS 620141100
1 November 1985

273

+-----+ DRPDB +---+---+				
+-----+-----+-----+-----+ (CONT) DELSTM1 DELRKY1 DELRKM1 (CONT) +---239+ +---299+ +---300+ +---+---+ +---301+ 				
+-----+-----+-----+-----+ COSQL3 ERRRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+ 				

PS 620141100
1 November 1985

274

+-----+ DRPFLD +---+---+ 				
+-----+-----+-----+-----+ +---+---+---+---+ (CONT) DELDSL3 DELSTM3 DELRST3 (CONT) +---240+ +---302+ +---303+ +---+---+ +---304+ 				
+-----+-----+-----+ +---+---+---+ COSQL3 ERRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+				

PS 620141100
1 November 1985

275

+-----+				
DELRST2				
+-----+				
+-----+ +-----+ +-----+ +-----+				
COSQL3 ERRRPT COEXEC COBINDN				
+-----2+ +-----2+ +-----2+ +-----2+				

PS 620141100
1 November 1985

276

DRPSET						
(CONT)	DELRBR2	DLDLSL2	ADDRNUM	DELTEXT	ERRPRO	
-241+	-305+	-	-355+	-373+	-	
COSQL3	ERRRPT	COEXEC	COBINDN			
-2+	-2+	-2+	-2+	-	-	

PS 620141100
1 November 1985

277

```
+-----+
|RDDESC|
+---+---+
|
+-----+-----+-----+
|           |           |
+---+---+   +---+---+   +---+---+
|(CONT)|   |FILEINS|   |STRINS|   |COBINDN|
+---242+   +---+---+   +---306+   +---+---2+
|
+-----+-----+-----+-----+
|           |           |           |
+---+---+   +---+---+   +---+---+   +---+---+
|UERROR|   |DELTXT|   |OBINDN|   |OEXEC|   |ERRPRO|
+---3+   +---+---+   +---+---+   +---+---+   +---+---+
|
+-----+-----+-----+
|           |           |
+---+---+   +---+---+   +---+---+
|COSQL3|   |ERRRPT|   |COEXEC|   |COBINDN|
+---2+   +---2+   +---2+   +---2+
```

PS 620141100
1 November 1985

278

	+-----+			
	DELOAD			
	+---+---+			
	+-----+-----+-----+-----+			
	+---+---+ +---+---+ +---+---+ +---+---+			
	DELAUC UERROR DELOWAC ERRPRO			
	+---307+ +----3+ +---+---+ +---+---+			
	+-----+-----+-----+-----+			
	+---+---+ +---+---+ +---+---+ +---+---+			
	COSQL3 ERRRPT COEXEC COBINDN			
	+----2+ +----2+ +----2+ +----2+			

PS 620141100
1 November 1985

279

+-----+				
DELAC				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
COSQL3 ERRRPT COEXEC COBINDN				
+-----2+ +-----2+ +-----2+ +-----2+				

PS 620141100
1 November 1985

280

+-----+ DRPATT +---+---+ 					
+-----+-----+-----+-----+ (CONT) DELACNM DELACKW DELTEXT (CONT) +---244+-----308+-----373+-----309+ 					
+-----+-----+-----+-----+ COSQL3 ERRRPT COEXEC COBINDN +----2+-----2+-----2+-----2+ 					

PS 620141100
1 November 1985

281

+-----+					
DRPDOM					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
(CONT) DOMUSAG DELDTN0 DELDTD (CONT)					
+---245+ +---310+ +---311+ +---+---+ +---312+					
+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+					
COSQL3 ERRRPT COEXEC COBINDN					
+----2+ +----2+ +----2+ +----2+					

PS 620141100
1 November 1985

282

```
+-----+
|DRPALI|
+-----+
|
+-----+ +-----+ +-----+
|(CONT)| |GETECAL| |GETACAL|
+---246+ +---313+ +---+---+
|
+-----+ +-----+ +-----+
|DELACAL| |UERROR| |ERRPRO|
+---+---+ +---3+ +-----+
|
+-----+ +-----+ +-----+
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

283

```
+-----+
|DRPVIEW|
+---+---+
|
+-----+-----+-----+-----+
| (CONT) | !DELSECR! !DRPDIV! !DELDIV! !DELSEC! !(CONT)
+---247+ +---314+ +---+---+ +---315+ +---316+ +---317+
|
+-----+-----+
|           |           |
+---+---+ +---+---+ +---+---+
|DELETEXT| !ADDRNUM! !ERRPRO!
+---373+ +---355+ +-----+
```

PS 620141100
1 November 1985

284

+-----+ DRPKWC +---+---+ +-----+-----+-----+-----+-----+ CFPONE VERKW UERROR DELKWAC DELKWE ^C (CONT) +---12+ +---+---+ +---3+ +---318+ +---319+ +---320+ +---+---+ ERRPRO +-----+						

3-1400

PS 620141100
1 November 1985

285

+-----+ DRPMAP +---+---+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ CPFONE VERENT SPRINTF UERROR (CONT) +---12+ +---14+ +-----+ +---3+ +---321+				
--	--	--	--	--

3-1401

PS 620141100
1 November 1985

286

	+-----+						
	DRPMOD						
	+---+---+						
+-----+-----+-----+-----+-----+-----+-----+							
CPFONE UERROR VERMOD DELMOD DELTEXT (CONT)							
+----12+ +----3+ +---21+ +---+---+ +---373+ +---322+ +---+---+							
+-----+-----+-----+-----+							
COSQL3 ERRRPT COEXEC COBINDN							
+----2+ +----2+ +---2+ +---2+ +---2+ +---+---+							

3-1402

PS 620141100
1 November 1985

287

	+-----+ BRANCHR +-----+			
+-----+-----+-----+-----+-----+				
+---+---+---+---+---+---+---+	(CONT) DRPREL MRGMOD RENAME HALT			
+---248+ +---323+ +---324+ +---325+ +---+---+				
+-----+-----+-----+-----+				
+---+---+---+---+---+---+---+	CPFONE STRNCMP ROLBACK COMMIT			
+---12+ +-----+ +-----5+ +----10+				

PS 620141100
1 November 1985

288

+-----+	+-----+	+-----+
FNDOAC	UERROR	ERRPRO
+-----+	+-----+	+-----+
DELOAD	UERROR	ERRPRO
+---278+	+----3+	+-----+

3-1404

PS 620141100
1 November 1985

289

+-----+ (CONT) +---248+	+-----+ DELMTKC +----44+	+-----+ DRPRCE +---326+	+-----+ DELECNM	+-----+ (CONT) +---327+	
+-----+ COSQL3 +---2+	+-----+ ERRRPT +---2+	+-----+ COEXEC +---2+	+-----+ COBINDN +---2+		

3-1405

PS 620141100
1 November 1985

290

```
+----+  
|DRPDF|  
+---+--+  
|  
+-----+-----+-----+-----+  
|COSQL3| |ERRRPT| |COEXEC| |COBINDN|  
+-----2+ +-----2+ +-----2+ +-----2+
```

PS 620141100
1 November 1985

291

+-----+ DELDPL2 +-----+				
+-----+-----+-----+-----+ (CONT) ADDRNUM COEXEC COBINDN CODFINN +---250+ +---355+ +----2+ +----2+ +---102+ +-----+-----+-----+-----+				

PS 620141100
1 November 1985

292

+-----+ PDFREC +---+---+ +-----+-----+-----+ DELPDFT DEL1PDF UERROR ERRPRO +---343+ +---371+ +---3+ +-----+			
---	--	--	--

PS 620141100
1 November 1985

293

+-----+ DRPREC +-----+						
+-----+-----+-----+-----+-----+-----+						
(CONT) DELISS2 DELSDF2 DELDSL2 SELRSET SELSTM						
+--251+ +---328+ +---329+ +---+---+ +---330+ +---331+ +---+---+						
+-----+-----+-----+-----+						
COSQL3 ERRRPT COEXEC COBINDN						
+---2+ +---2+ +---2+ +---2+ +---2+ +---2+ +---+---+						

PS 620141100
1 November 1985

294

+-----+ DEPATT +-----+				
 +-----+-----+-----+-----+ (CONT) GENALI COEXEC COBINDN CODFINN +---255+ +---151+ +----2+ +----2+ +---102+				

PS 620141100
1 November 1985

295

+-----+	DEPREL	+---+---+		
+-----+-----+-----+-----+-----+				
(CONT) SELECNM GENREL GENDESC (CONT)				
+---256+ +---147+ +---193+ +---146+ +---332+				

3-1411

PS 620141100
1 November 1985

296

+-----+ BLRCKC1 +-----+ +-----+-----+-----+-----+ (CONT) ADDRCEC COEXEC COBINDN CODFINN +---256+ +---223+ +----2+ +----2+ +----102+				
---	--	--	--	--

3-1412

PS 620141100
1 November 1985

297

+-----+				
INSDI				
+---+--+				
+-----+-----+-----+-----+				
+---+---+ (CONT) +---+---+ ERRRPT +---+---+ COEXEC +---+---+ COBINDN				
+---262+ +----3+ +----2+ +----2+				

3-1413

PS 620141100
1 November 1985

298

+-----+	+-----+	+-----+	+-----+
INSRKM			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ COSQL3 ERRRPT COEXEC COBINDN			
+-----2+ +-----2+ +-----2+ +-----2+			

3-1414

PS 620141100
1 November 1985

299

+-----+			
DELSTM1			
+---+---+			
+-----+-----+-----+-----+			
+---+---+	+---+---+	+---+---+	+---+---+
COSQL3	ERRRPT	COEXEC	COBINDN
+---2+	+---2+	+---2+	+---2+

PS 620141100
1 November 1985

300

+-----+	+-----+	+-----+	+-----+
DELRKY1			
+-----+	+-----+	+-----+	+-----+
+-----+ 2+	+-----+ 2+	+-----+ 2+	+-----+ 2+
COSQL3	ERRRPT	COEXEC	COBINDN
+-----+ 2+	+-----+ 2+	+-----+ 2+	+-----+ 2+

PS 620141100
1 November 1985

301

	+-----+ DRPDB +---+---+ +-----+-----+-----+-----+ (CONT) DELASM1 DELRBR1 DELISS1 (CONT) +---273+ +---333+ +---334+ +---+---+ +---335+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ COSQL3 ERRRPT COEXEC COBINDN +----2+ +----2+ +----2+ +----2+
--	--

PS 620141100
1 November 1985

302

	+-----+ DELDSDL3 +-----+		
	+	-----+	-----+
+-----+ 2+	+-----+ 2+	+-----+ 2+	+-----+ 2+
COSQL3	ERRRPT	COEXEC	COBINDN
+-----+ 2+	+-----+ 2+	+-----+ 2+	+-----+ 2+

3-1418

PS 620141100
1 November 1985

303

+-----+ DELSTM3 +---+---+ +-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ COSQL3 ERRRPT COEXEC COBINDN +-----2+ +-----2+ +-----2+ +-----2+
--

PS 620141100
1 November 1985

304

```
+-----+
|DRPFLD|
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | DELASM2 | DELRBR3 | DELSDF3 | (CONT) |
+---274+ +---336+ +---337+ +---+---+ +---338+
|
+-----+-----+-----+-----+
| COSQL3 | ERRRPT | COEXEC | COBINDN |
+---2+ +---2+ +---2+ +---2+

```

PS 620141100
1 November 1985

305

	+-----+		
	DELRBR2		
	+---+---+		
+-----+ +-----+ +-----+ +-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

306

```
+-----+
| STRINS |
+-----+
|
+-----+-----+-----+-----+-----+-----+
| DELTXT | UERROR | IOBINDN | IOEXEC | GETNCHR | ERRPRO |
+---277+ -----3+ +-----+ +-----+ +-----+ +-----+
|
|
|
+-----+
| GETCHAR |
+-----+
```

PS 620141100
1 November 1985

307

+-----+					
DELAUC					
+---+---+					
+-----+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
DELIAUC SPRINTF UERROR ADDRNUM (CONT)					
+---339+ +-----+ +---3+ +---355+ +---340+					

3-1423

PS 620141100
1 November 1985

308

+-----+				
DELACNN				
+-----+				
+-----+ +-----+ +-----+ +-----+				
COSQL3 ERRRPT COEXEC COBINDN				
+-----2+ +-----2+ +-----2+ +-----2+				

3-1424

PS 620141100
1 November 1985

309

IDRPATT				
+-----+				
(CONT)	ADDRNUM	UERROR	CPFNXT	ERRPRO
+---280+	-----355+	-----3+	-----16+	-----+

PS 620141100
1 November 1985

310

+-----+
| DOMUSAG |
+-----+
|
+-----+-----+-----+
| | |
+---+---+ | +---+---+ | +---+---+
| VERDFDT | | VERDIDT | | ERRPRO |
+---+---+ | +---+---+ | +---+---+
|
+---+---+ | +---+---+
| | | |
+---+---+ | +---+---+ | +---+---+ | +---+---+
| UWARN | | ERRPRO | | UWARN | | ERRPRO |
+---7+ | +---+ | +---7+ | +---+
+-----+-----+-----+-----+

3-1426

PS 620141100
1 November 1985

311

DELDTNO			
ADDRNUM	DELTEXT	UERROR	ERRPRO
355	373	3	

3-1427

PS 620141100
1 November 1985

312

	+-----+ DRPDOM +---+---+ 					
+-----+	+-----+ (CONT) +---281+ <td>+-----+ DELDOM +---+---+<td>+-----+ ADDRNUM +---+---+<td>+-----+ DELTEXT +---+---+<td>+-----+ CPFNXT +---+---+<td>+-----+ 16+ +-----+</td></td></td></td></td>	+-----+ DELDOM +---+---+ <td>+-----+ ADDRNUM +---+---+<td>+-----+ DELTEXT +---+---+<td>+-----+ CPFNXT +---+---+<td>+-----+ 16+ +-----+</td></td></td></td>	+-----+ ADDRNUM +---+---+ <td>+-----+ DELTEXT +---+---+<td>+-----+ CPFNXT +---+---+<td>+-----+ 16+ +-----+</td></td></td>	+-----+ DELTEXT +---+---+ <td>+-----+ CPFNXT +---+---+<td>+-----+ 16+ +-----+</td></td>	+-----+ CPFNXT +---+---+ <td>+-----+ 16+ +-----+</td>	+-----+ 16+ +-----+
+-----+	+-----+ COSQL3 +---2+ <td>+-----+ ERRRPT +---2+<td>+-----+ COEXEC +---2+<td>+-----+ COBINDN +---2+<td>+-----+ 2+ +-----+</td></td></td></td>	+-----+ ERRRPT +---2+ <td>+-----+ COEXEC +---2+<td>+-----+ COBINDN +---2+<td>+-----+ 2+ +-----+</td></td></td>	+-----+ COEXEC +---2+ <td>+-----+ COBINDN +---2+<td>+-----+ 2+ +-----+</td></td>	+-----+ COBINDN +---2+ <td>+-----+ 2+ +-----+</td>	+-----+ 2+ +-----+	

3-1428

PS 620141100
1 November 1985

313

+-----+	+-----+	+-----+	
GETECAL			
+-----+	+-----+	+-----+	
+-----+-----+-----+			
+-----+-----+-----+	+-----+-----+-----+	+-----+-----+	
DELECAL	UERROR	ERPRO	
+-----+-----+	+-----3+	+-----+	
+-----+-----+-----+-----+			
+-----+-----+-----+-----+	+-----+-----+-----+	+-----+-----+	+-----+-----+
COSQL3	ERRRPT	COEXEC	COBINDN
+----2+	+----2+	+----2+	+----2+

PS 620141100
1 November 1985

314

+-----+						
DELSECR						
+-----+						
+-----+-----+-----+-----+						
+---+---+---+---+---+---+---+						
COSQL3 ERRRPT COEXEC COBINDN						
+---2+ +---2+ +---2+ +---2+						

3-1430

PS 620141100
1 November 1985

315

	+-----+		
	DELDIV		
	+-----+		
	+-----+-----+-----+-----+		
	+---+---+ +---+---+ +---+---+ +---+---+		
	COSQL3 ERRRPT COEXEC COBINDN		
	+---2+ +---2+ +---2+ +---2+		

3-1431

PS 620141100
1 November 1985

316

+-----+	 DELSEC +-----+		
+-----+ +-----+ +-----+ +-----+			
 COSQL3 ERRRPT COEXEC COBINDN +-----2+ +-----2+ +-----2+ +-----2+			

3-1432

PS 620141100
1 November 1985

317

!DRPVIEW!			
---	---	---	---
+-----+ +-----+ +-----+ +-----+			
(CONT) ADDRNUM DELETEXT CPFNXT			
+--283+ +---355+ +---373+ +---16+			

3-1433

PS 620141100
1 November 1985

318

+-----+ DELKWAC +-----+			
 +-----+-----+-----+ +---+---+---+---+ COSQL3 ERRRPT COEXEC COBINDN +---2+---2+---2+---2+			

3-1434

PS 620141100
1 November 1985

319

	+-----+ DELKWECl +-----+		
	+	+	+
+-----+ 2+	+-----+ 2+	+-----+ 2+	+-----+ 2+
COSQL3I	ERRRPTI	COEXECI	COBINDNI

PS 620141100
1 November 1985

320

	+-----+ DRPKWC +-----+					
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+ +-----+ +-----+					
(CONT) DELKWRD DELKWI DELTEXT ADDRNUM CPFNXT	+---284+ +---341+ +---+---+ +---373+ +---355+ +---16+					
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+ +-----+ +-----+					
COSQL3 ERRRWT COEXEC COBINDN	+---2+ +---2+ +---2+ +---2+					

PS 620141100
1 November 1985

321

	+-----+					
	DRPMAP					
	+---+---+					
		+				
	+-----+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
(CONT) DELRCST VERRCST DELPDFT (CONT)						
+---285+ +---342+ +---+---+ +---343+ +---344+						
		+				
		+---+---+				
		ERRPRO				
		+---+---+				

3-1437

PS 620141100
1 November 1985

322

+-----+ DRPMOD +-----+ +-----+-----+-----+-----+-----+-----+ (CONT) FNDECM FNDACM ADDRNUM UWARN ERRPRO +---286+ ---345+ ---346+ ----355+ -----7+ +-----+ +-----+-----+-----+-----+-----+-----+					
---	--	--	--	--	--

3-1438

PS 620141100
1 November 1985

323

```
+-----+
| DRPREL |
+-----+
|
+-----+-----+-----+-----+-----+
| CPFONE | CPFNXT | VERREL | UERROR | VERRCC | (CONT) |
+-----12+ +---16+ +---80+ +----3+ +-----+ +---347+
|
|
|
+-----+
| ERRPRO |
+-----+
```

3-1439

PS 620141100
1 November 1985

324

	+-----+ MRGMOD +-----+ 					
+---+---+	+---+---+	+---+---+	+---+---+	+---+---+	+---+---+	+---+---+
CPPONE	CPFNXT	EXCFLAG	VERMOD	UERROR	(CONT)	
+---12+	+---16+	+---37+	+---21+	+---3+	+---348+	

PS 620141100
1 November 1985

325

+-----+ RENAME +---+---+ +-----+-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ CPFONE LOWUPP VERENT VERATT VERKW (CONT) +---12+ +---12+ +---14+ +---13+ +--284+ +---349+						
--	--	--	--	--	--	--

PS 620141100
1 November 1985

326

	+-----+ DRPRCE +---+---+ +-----+-----+-----+ +---+---+---+---+---+ DELRC ADDRNUM DELTEXT DELRCKW ERRPRO +--347+ +---355+ +---373+ +---367+ +-----+
--	--

3-1442

PS 620141100
1 November 1985

327

	+-----+ DRPENT +-----+					
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+						
(CONT) DELECKW DELEC ADDRNUM DELTEXT CPFNXT						
+---289+ +---350+ +---+---+ +---355+ +---373+ +---16+						
+-----+ +-----+ +-----+ +-----+						
+---+---+ +---+---+ +---+---+ +---+---+						
COSQL3 ERRRPT COEXEC COBINDN						
+---2+ +---2+ +---2+ +---2+						

3-1443

PS 620141100
1 November 1985

328

+-----+			
!DELISS2!			
+---+---+			
+-----+-----+-----+-----+			
+---+---+	+---+---+	+---+---+	+---+---+
COSQL3	ERRRPT	COEXEC	COBINDN
+---2+	+---2+	+---2+	+---2+

3-1444

PS 620141100
1 November 1985

329

+-----+			
DELSDF2			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

3-1445

PS 620141100
1 November 1985

330

	+-----+ SELRSET +-----+				
	+	-	-	-	-
+-----+ +-----+ +-----+ +-----+ +-----+					
DELRST2 UERROR DELASM2 DELSTM2 (CONT)					
+----275+ +----3+ +---336+ +---241+ +---351+					

3-1446

PS 620141100
1 November 1985

331

	+-----+					
	SELSTM					
	+---+---+					
	+-----+-----+-----+-----+-----+					
	+---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
	DELRST2 UERROR DELASM2 DELSTM2 (CONT)					
	+---275+ +---3+ +---336+ +---241+ +---352+					

3-1447

PS 620141100
1 November 1985

332

+-----+ DEPREL +---+---+ 	+-----+ ALLKEY +---+---+	+-----+ STRNCPY +---+---+	+-----+ COEXEC +---+---+	+-----+ COBINDN +---+---+	+-----+ CODFINN +---+---+	
+---295+	+---259+	+-----+	+-----2+	+-----2+	+---102+	

PS 620141100
1 November 1985

333

+-----+				
DELASM1				
+-----+				
+-----+ +-----+ +-----+ +-----+				
+---+ +---+ +---+ +---+				
COSQL3 ERRRPT COEXEC COBINDN				
+---2+ +---2+ +---2+ +---2+				

PS 620141100
1 November 1985

334

+-----+	+-----+	+-----+	+-----+
DELRBR1			
+-----+	+-----+	+-----+	+-----+
+-----+ 2+	+-----+ 2+	+-----+ 2+	+-----+ 2+
COSQL3	ERRRPT	COEXEC	COBINDN
+-----+ 2+	+-----+ 2+	+-----+ 2+	+-----+ 2+

3-1450

PS 620141100
1 November 1985

335

+-----+ DRPDB +---+---+ 					
+-----+-----+-----+-----+-----+ (CONT) DELDBA1 DELDSL1 DELSDF1 (CONT) +---301+ +---353+ +---354+ +---+---+ +---355+ 					
+-----+-----+-----+-----+ (CONT) DELDBA1 DELDSL1 DELSDF1 (CONT) +---301+ +---353+ +---354+ +---+---+ +---355+ 					
+-----+-----+-----+-----+ COSQL3 ERRRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+					

PS 620141100
1 November 1985

336

+-----+	DELASM2	+-----+	
+-----+-----+-----+-----+			
+---+---+ COSQL3 +---+---+ ERRRPT +---+---+ COEXEC +---+---+ COBINDN			
+---2+ -----2+ +-----2+ +-----2+ +-----2+			

PS 620141100
1 November 1985

337

+-----+	+-----+	+-----+	+-----+
DELRBR3	ERRRPT	COEXEC	COBINDN
+-----2+	+-----2+	+-----2+	+-----2+

PS 620141100
1 November 1985

338

+-----+ DRPFLD +-----+				
+-----+-----+-----+-----+ (CONT) DELEDFL3 DELRKM3 DELRKY2 (CONT) +---304+ +---356+ +---357+ +---+---+ +---358+ 				
+-----+-----+-----+-----+ COSQL3 ERRRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+ 				

PS 620141100
1 November 1985

339

+-----+				
DELIAUC				
+-----+				
+-----+ +-----+ +-----+ +-----+				
COSQL3 ERRRPT COEXEC COBINDN				
+-----2+ +-----2+ +-----2+ +-----2+				

3-1455

PS 620141100
1 November 1985

340

+-----+	DELAUC	+---+---+	
+-----+ +-----+ +-----+ +-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
(CONT) DELTEXT DELAUCL DELAUCK			
+---307+ +---373+ +---+---+ +---359+			
+-----+ +-----+ +-----+ +-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+----2+ +----2+ +----2+ +----2+			

3-1456

PS 620141100
1 November 1985

341

+-----+	DELKWRC	+-----+	
+-----+ +-----+ +-----+ +-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

RD-R101 705

INTEGRATED INFORMATION SUPPORT SYSTEM (I.I.S.S.) VOLUME 5

5/5

COMMON DATA MODEL S. (U) GENERAL ELECTRIC CO

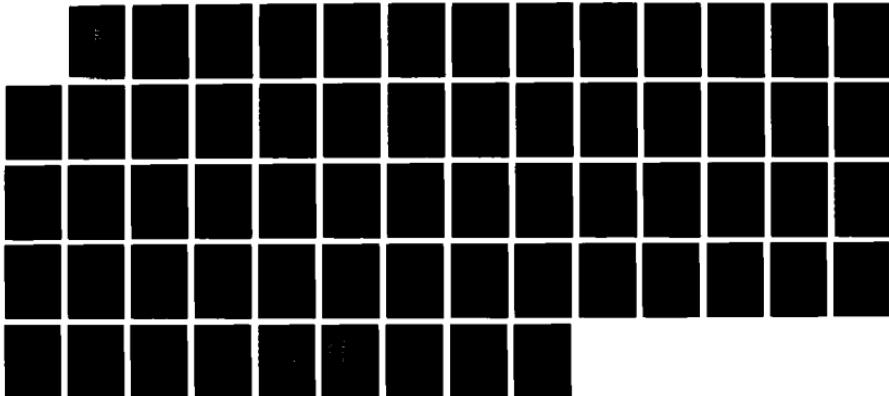
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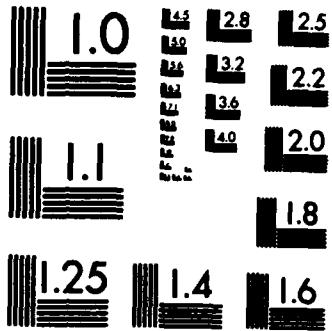
UNCLASSIFIED

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F/G 12/5

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PS 620141100
1 November 1985

342

+-----+			
DELRCST			
+---+---+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

3-1458

PS 620141100
1 November 1985

343

+-----+ DELPDFT +-----+	 +-----+-----+-----+ +---+---+---+---+ COSQL3 ERRRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+
---------------------------------	--

PS 620141100
1 November 1985

344

```
+-----+
| DRPMAP |
+---+---+
|
+-----+-----+-----+-----+
| | | | |
+---+---+---+---+---+---+
|(CONT)| IDEASM | PDFSRCH | VERASM | CPFNXT | (CONT)|
+---321+ +---360+ +---+---+ +---+---+ +---16+ +---361+
|
|
|
+---+---+ +---+---+
| ERRPRO | ERRPRO |
+---+ +---+
```

PS 620141100
1 November 1985

345

+-----+ FNDECM +---+---+ +-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ DELOACE DELEC DELECKW DELTEXT (CONT) +---362+ +--327+ +---350+ +---373+ +---363+				
---	--	--	--	--

3-1461

PS 620141100
1 November 1985

346

+-----+	+-----+	+-----+	+-----+	+-----+		
PNDACM						
+---+---+						
+-----+-----+-----+-----+-----+						
+---+---+ DELAC +---+---+ DELACKW +---+---+ DELTEXT +---+---+ DELACNM +---+---+ (CONT)						
+--279+ +---280+ +---373+ +---308+ +---364+						

3-1462

PS 620141100
1 November 1985

347

```
+-----+
!DRPREL!
+---+---+
|
+-----+-----+-----+-----+-----+
|(CONT)| DRPMGRC | DELCPRC | DELRC | (CONT)|
+---323+ +---365+ +---366+ +---+---+ +---367+
|
+-----+-----+-----+-----+
|           |           |           |
+-----+-----+-----+-----+
|COSQL3| ERRRPT | COEXEC | COBINDN|
+---2+ +---2+ +---2+ +---2+
```

3-1463

PS 620141100
1 November 1985

348

	+-----+				
	MRGMOD				
	+---+---+				
	+-----+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
(CONT) OPNFILE ADDPARM MRGMOD1 (CONT)					
+---324+ +----+ +----58+ +---368+ +---369+					

PS 620141100
1 November 1985

349

+-----+					
RENAME					
+---+---+					
+-----+-----+-----+-----+-----+	+-----+-----+-----+-----+-----+	+-----+-----+-----+-----+-----+	+-----+-----+-----+-----+-----+	+-----+-----+-----+-----+-----+	+-----+-----+-----+-----+-----+
+---+---+ VERMOD VERDOM VERVIEW RCCHEK (CONT)	+---+---+ VERMOD VERDOM VERVIEW RCCHEK (CONT)	+---+---+ VERMOD VERDOM VERVIEW RCCHEK (CONT)	+---+---+ VERMOD VERDOM VERVIEW RCCHEK (CONT)	+---+---+ VERMOD VERDOM VERVIEW RCCHEK (CONT)	+---+---+ VERMOD VERDOM VERVIEW RCCHEK (CONT)
+---325+ +---21+ +---19+ +---133+ +---+-----+ +---370+	+---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+	+---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+	+---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+	+---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+	+---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+ +---+-----+
+-----+-----+					
+-----+-----+					
CPFNXT VERREL					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+					
+---16+ +---80+ +---+-----+ +---+-----+ +---+-----+ +---+-----+					

3-1465

PS 620141100
1 November 1985

350

+-----+ DELECKW +-----+			
+-----+ +-----+ +-----+ +-----+			
+---+ +---+ +---+ +---+	COSQL3 ERRRPT COEXEC COBINDN		
+---2+ +---2+ +---2+ +---2+			

3-1466

PS 620141100
1 November 1985

351

+-----+ SELRSET +-----+					
+-----+-----+-----+-----+-----+					
(CONT) DELRBR2 DELTEXT ADDRNUM ERRPRO					
+---330+ +---305+ +---373+ +---355+ +-----+					

3-1467

PS 620141100
1 November 1985

352

SELSTM				
(CONT)	DELRBR2	DELTEXT	ADDRNUM	ERRPRO
331	305	373	355	

PS 620141100
1 November 1985

353

DELDBA1			
+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

3-1469

PS 620141100
1 November 1985

354

+-----+	DELDSDL1	+-----+	
+-----+ +-----+ +-----+ +-----+			
COSQL3 ERRRPT COEXEC COBINDN			
+----2+ +----2+ +----2+ +----2+			

PS 620141100
1 November 1985

355

```
+-----+
|DRPDB|
+---+---+
|
+-----+-----+-----+-----+-----+
| (CONT) | PDFDB | DELPCB | DELTEXT | ADDRNUM | ERRPRO |
+---335+ +-371+ +---372+ +---373+ +---+---+ +---+---+
|
+-----+-----+
| NRSTORE | ERRPRO |
+-----+-----+
|
+-----+
| ALLOC |
+-----+
```

PS 620141100
1 November 1985

356

```
+-----+
|DELDPL3|
+-----+
|
+-----+-----+-----+-----+
|COSQL3|ERRRPT|COEXEC|COBINDN|
+---2+ +---2+ +---2+ +---2+
```

PS 620141100
1 November 1985

357

+-----+	DELRKM3	+-----+	
			.
+-----+-----+-----+-----+			
+---+---+ COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

3-1473

PS 620141100
1 November 1985

358

+-----+	DRPFLD	+-----+		
+-----+ +-----+ +-----+				
+---+---+ (CONT) +---+---+ CPFNXT +---+---+	PDPDF	ERRPRO		
+---338+ +---+---+ +---+---+ +---+---+	+---+---+ +---16+	+-----+		
+-----+ +-----+ +-----+ +-----+				
+---+---+ +---+---+ +---+---+ +---+---+	DELPDFT	DEL1PDF	UERROR	ERRPRO
+---343+ +---371+ +---3+ +-----+				

3-1474

PS 620141100
1 November 1985

359

+-----+				
DELAUCK				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ SPRINTF UERROR DELMIGK				
+---389+ +-----+ +----3+ +----40+				

3-1475

PS 620141100
1 November 1985

360

```
+-----+
|DELASM|
+---+---+
|
+-----+-----+-----+
|           |           |           |
+---+---+   +---+---+   +---+---+   +---+---+
|COSQL3|   |ERRRPT|   |COEXEC|   |COBINDN|
+---2+   +---2+   +---2+   +---2+
```

PS 620141100
1 November 1985

361

+-----+	+-----+	+-----+
DRPHAP	VERREL	VERAUC
+---+---+	+---+---+	+---+---+
+-----+-----+	+-----+-----+	+-----+-----+
+---+---+ (CONT) +---	+---+---+ 80 +	+---+---+ 51 +
+---344+-----	-----	-----

3-1477

PS 620141100
1 November 1985

362

+-----+			
DELOADC			
+-----+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+-----2+ +-----2+ +-----2+ +-----2+			

3-1478

PS 620141100
1 November 1985

363

```
+-----+
| FNDECM |
+-----+
|
+-----+-----+-----+-----+-----+
| (CONT) | DLMDAUC | DELMDKC | DELMDRC | (CONT) |
+---345+ +----+----+ +----374+ +----375+ +----376+
|
+-----+-----+-----+
|       |       |       |
+-----+-----+-----+
| DELAUC | SELECNM | UERROR | ERRPRO |
+---307+ +----147+ +----3+ +-----+
```

PS 620141100
1 November 1985

364

+-----+ FNDACM +-----+				
+-----+-----+-----+-----+-----+				
(CONT) ADDRNUM SELACNM UERROR ERRPRO				
+---346+ +---355+ +-----+ +-----+ +-----+				
+-----+ ERRPRO +-----+				

PS 620141100
1 November 1985

365

+-----+	+-----+	+-----+
DRPMGRC	DLMIGRC	UERROR
+-----+	+-----+	+-----+
+-----+-----+-----+	+-----+-----+	+-----+-----+
+-----+-----+-----+-----+	+-----+-----+	+-----+-----+
+-----+-----+-----+-----+-----+	+-----+-----+	+-----+-----+
+-----+-----+-----+-----+-----+	+-----+-----+	+-----+-----+
COSQL3 ERRRPT COFETCH DELIAUC (CONT)		
+----2+ +----2+ +----44+ +---339+ +--377+		

PS 620141100
1 November 1985

366

+-----+ DELCPRC +---+---+ +-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ COSQL3 ERRRPT COEXEC COBINDN +-----2+ +-----2+ +-----2+ +-----2+
--

PS 620141100
1 November 1985

367

	+-----+			
	DRPREL			
	+---+---+			
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
(CONT) DELRCKW ADDRNUM DELTEXT				
+---347+ +---+---+ +---355+ +---373+				
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
COSQL3 ERRRPT COEXEC COBINDN				
+---2+ +---2+ +---2+ +---2+				

PS 620141100
1 November 1985

368

	+-----+ MRGMOD1 +-----+					
+-----+ +-----+ +-----+ +-----+ +-----+ +-----+ +-----+						
ALLATT ALLENT BLKCLST TOPNODE ALLREL ERRPRO						
+---94+ +---157+ +---121+ +---158+ +---159+ +-----+						

3-1484

PS 620141100
1 November 1985

369

	+-----+							
	MRGMOD							
	+---+---+							
+-----+-----+-----+-----+-----+-----+								
+---+---+---+---+---+---+---+---+---+---+---+								
(CONT) BLKCLST MRGNODE MRGMOD2 CLSFIL ERRPRO								
+---348+ +---121+ +---+---+ +---378+ +---114+ +---+---+								
+-----+-----+-----+-----+-----+-----+								
+---+---+---+---+---+---+---+---+---+---+---+								
COSQL3 ERRRPT SPRINTF UERROR (CONT)								
+---2+ +---2+ +---+---+ +---3+ +---379+ +---+---+								

PS 620141100
1 November 1985

370

```
+-----+
| RENAME |
+---+---+
|
+-----+-----+-----+-----+
| | | | |
|(CONT)| !UERROR! !CPFNXT! !RCCHEK1! |(CONT)|
+--349+ +---3+ +---16+ +---+---+ +---380+
|
+-----+
| | |
+-----+-----+
|CPFNXT| !VERREL!
+---16+ +---80+
```

3-1486

PS 620141100
1 November 1985

371

	+-----+		
	PDFDB		
	+---+---+		
	+-----+-----+-----+-----+		
+---+---+ DELPDF UERROR ERPRO			
+---343+ +---+---+ +---3+ +---+---+			
	+-----+-----+-----+-----+		
+---+---+ COSQL3 COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

372

+-----+	DELPBCB	+---+---+	
+-----+-----+-----+-----+			
+---+---+---+---+	COSQL3 ERRRPT COEXEC COBINDN	+---+---+---+---+	
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

373

+-----+	DELTEXT	+-----+	
+-----+ +-----+ +-----+ +-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

PS 620141100
1 November 1985

374

+-----+	+-----+	+-----+	+-----+	+-----+
DELMDKC				
+-----+	+-----+	+-----+	+-----+	+-----+
+-----+ +-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+ +-----+			
DELKCM DELCMPRI DELIAUK DELKC (CONT)				
+---66+ +---67+ +---+---+ +---41+ +---381+				
+-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+			
+-----+ +-----+ +-----+ +-----+ +-----+	+-----+ +-----+ +-----+ +-----+			
COSQL3 ERRRPT COEXEC COBINDN				
+---2+ +---2+ +---2+ +---2+ +---2+				

3-1490

PS 620141100
1 November 1985

375

+-----+	DELMDRC	+-----+			
+-----+-----+-----+-----+-----+					
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+	DELRC	DELRCKW	DELTEXT	ADDRNUM	(CONT)
+--347+ +---367+ +---373+ +---355+ +---382+					

3-1491

PS 620141100
1 November 1985

376

FNDECM					
(CONT)	DELECNM	ADDRNUM	SELECNM	UERROR	ERRPRO
+---363+	+---289+	+---355+	+---147+	+---3+	+-----

PS 620141100
1 November 1985

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+-----+	DLMIGRC	+-----+		
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+				
(CONT) SPRINTF UERROR ADDRNUM (CONT)				
+--365+ +-----+ +----3+ +---355+ +--383+				

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+-----+	MRGMOD2	+---+---+				
+-----+-----+-----+-----+-----+-----+						
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+						
COSQL3 ERRRPT SPRINTF UERROR BLRCKC (CONT)						
+----2+ +----2+ +-----+ +----3+ +---192+ +---384+						

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+-----+ MRGNODE +-----+				
+-----+-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+ (CONT) COFETCH SELECNM VERENT (CONT) +---369+ +----44+ +---147+ +---14+ +---385+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+				

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```
+-----+
|IRENAME|
+---+---+
|
+-----+-----+-----+-----+
| (CONT) | !UPDECNM| !UPDACNM| !UPDRCNM| (CONT) |
+---370+ +---386+ +---387+ +---+---+ +---388+
|
+-----+-----+-----+-----+
|          |          |          |          |
+---+---+ +---+---+ +---+---+ +---+---+
|COSQL3| !ERRRPT| !COEXEC| !COBINDN|
+---2+ +---2+ +---2+ +---2+
```

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DELMDC				
+-----+				
+-----+ +-----+ +-----+ +-----+ +-----+				
(CONT) ADDRNUM SELECNM UERROR ERRPRO				
+---374+ +---355+ +---147+ +---3+ +-----+				

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+-----+							
DELMDRC							
+-----+							
+-----+-----+-----+-----+							
+---+---+---+---+---+---+---+---+							
(CONT)		SELECNM		UERROR		ERRPRO	
+--375+		+--147+		+--3+		+-----+	

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+-----+							
DLMIGRC							
+---+---+							
+-----+-----+-----+-----+-----+-----+-----+							
+---+---+ +---+---+ +---+---+ +---+---+ +---+---+ +---+---+							
(CONT) DELKCMT DELAUCL COEXEC CODFINN COBINDN							
+--377+ +---389+ +---340+ +----2+ +---102+ +----2+							

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+-----+	MRGMOD2	+---+---+		
+-----+-----+-----+-----+-----+				
+---+---+ (CONT) +---+---+ SELECNM +---+---+ VERRCNM +---+---+ (CONT)				
+--378+ +----44+ +---147+ +---147+ +---390+				

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+-----+ MRGNODE +-----+					
+-----+-----+-----+-----+-----+ +---+---+---+---+---+---+ (CONT) !GENENT1! !GENALTE! !COEXEC! !COBINDN! !CODFINN! +--379+ +---113+ +---148+ +---2+ +---2+ +---102+					

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+-----+				
UPDECNM				
+---+---+				
+-----+-----+-----+-----+				
+---+---+ +---+---+ +---+---+ +---+---+				
COSQL3 ERRRPT COEXEC COBINDN				
+-----2+ +-----2+ +-----2+ +-----2+				

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UPDACLNM			
+-----+ +-----+			
+-----+-----+-----+-----+			
+---+---+ +---+---+ +---+---+ +---+---+			
COSQL3 ERRRPT COEXEC COBINDN			
+---2+ +---2+ +---2+ +---2+			

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+-----+ (RENAME) +---+---+ +-----+-----+-----+-----+ (CONT) UPDTKW UPDMNAM UPDTON UPDVIEW +---380+ +---391+ +---392+ +---393+ +---394+				

3-1504

PS 620141100
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389

+-----+ DELKMT +---+---+				
+-----+-----+-----+ +--+--+ +--+--+ +--+--+ +--+--+ COSQL3 ERRRPT COEXEC COBINDN -----+-----+-----+-----+ +----2+ +----2+ +----2+ +----2+				

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+-----+ MRGMOD2 +---+---+ +-----+-----+-----+-----+ (CONT) GENRNME ADDPARM GENDESC (CONT) +---384+ +---183+ +----58+ +---146+ +---395+				
--	--	--	--	--

PS 620141100
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391

	+-----+ UPDTKW +---+---+ +-----+-----+-----+ +---+---+---+---+ COSQL3 ERRRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+
--	--

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+-----+					
UPDMNAM					
+---+---+					
+-----+-----+-----+-----+					
+---+---+---+---+---+---+					
COSQL3 ERRRPT COEXEC COBINDN					
+---2+ +---2+ +---2+ +---2+					

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+-----+ UPDTDOM +-----+ +-----+-----+-----+ +---+---+ +---+---+ +---+---+ +---+---+ COSQL3 ERRRPT COEXEC COBINDN +---2+ +---2+ +---2+ +---2+
--

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+-----+ UPDVIEW +-----+			
 +-----+-----+-----+ COSQL3 ERRRPT COEXEC COBINDN +-----2+ +-----2+ +-----2+ +-----2+			

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+-----+ MRGMOD2 +-----+					
+-----+-----+-----+-----+-----+ +---+---+---+---+---+---+ (CONT) ALLKEY MIGREL CMBRKW VERENT (CONT) +---390+ +---259+ +---213+ +---183+ +---14+ +---396+					

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	+-----+ MRGMOD2 +---+---+ 				
+-----+	+-----+ <td>+-----+</td> <td>+-----+</td> <td>+-----+</td> <td>+-----+</td>	+-----+	+-----+	+-----+	+-----+
+---+---+ <td>+---+---+<td>+---+---+<td>+---+---+<td>+---+---+<td>+---+---+</td></td></td></td></td>	+---+---+ <td>+---+---+<td>+---+---+<td>+---+---+<td>+---+---+</td></td></td></td>	+---+---+ <td>+---+---+<td>+---+---+<td>+---+---+</td></td></td>	+---+---+ <td>+---+---+<td>+---+---+</td></td>	+---+---+ <td>+---+---+</td>	+---+---+
(CONT) <td> CKDUPEC <td> GENENT1 <td> STRNCPY <td> (CONT) <td></td></td></td></td></td>	CKDUPEC <td> GENENT1 <td> STRNCPY <td> (CONT) <td></td></td></td></td>	GENENT1 <td> STRNCPY <td> (CONT) <td></td></td></td>	STRNCPY <td> (CONT) <td></td></td>	(CONT) <td></td>	
+---395+ <td>+-----+<td>+----113+<td>+-----+<td>+-----+<td>+---397+</td></td></td></td></td>	+-----+ <td>+----113+<td>+-----+<td>+-----+<td>+---397+</td></td></td></td>	+----113+ <td>+-----+<td>+-----+<td>+---397+</td></td></td>	+-----+ <td>+-----+<td>+---397+</td></td>	+-----+ <td>+---397+</td>	+---397+

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+-----+				
MRGMOD2				
+---+---+				
+-----+-----+-----+-----+				
+---+---+---+---+	+---+---+---+---+	+---+---+---+---+	+---+---+---+---+	
(CONT)	COEXEC	COBINDN	CODFINN	
+---396+	+----2+	+----2+	+----102+	

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ADDATT.....42	BLECLST.....190	COPENT.....62
ADDDT.....73	BLKCLI.....112	COPYAC.....156
ADDEC.....112	BLKCLST.....121	COROL.....5
ADDECNM.....190	BLOOPCK.....109	COSQL3.....2
ADDFRM	BLRCKC.....192	CPFCOR.....211
ADDKC.....43	BLRCKC1.....256	CPFNXT.....16
ADDKCLS.....112	BLSECRC.....227	CPFONE.....12
ADDKG.....112	BLVWLST.....167	CPFVAL
ADDKM.....101	BRANCHR.....9	CPYDES.....61
ADDKW.....18	CDP4A.....196	CPYMOD.....63
ADDKWA.....46	CERELS.....119	CRTALI.....96
ADDKWE.....47	CESTRUC.....153	CRTATT.....95
ADDKWR.....32	CHGDOM.....17	CRTDOM.....97
ADDMAP.....79	CHGLOBL	CRTENT.....98
ADDMIG.....81	CHKATT.....36	CRTMAP.....130
ADDNCORR.....27	CHKAUCV.....136	CRTMOD.....131
ADDNSTD.....73	CHKCARD.....194	CRTREL.....132
ADDOAC.....42	CHKDOMS.....261	CRTVIEW.....133
ADDPARM.....58	CHKINH	DEFAREA.....200
ADDRCEC.....223	CHKKEYS.....57	DEFCDL.....232
ADDRNUM.....355	CHKLOOP.....54	DEFDB.....168
ADDSTD.....103	CHKMOD.....36	DEFFLD.....235
ADDTXT.....146	CHKOWN.....259	DEFIMS.....231
ADD_CORR.....15	CHKREL.....56	DEFIMSS.....234
ADD_TO_CNT....15	CKDUPEC	DEFKEY.....236
ADD_TO_LST....26	CKRNLST	DEFORCL.....229
ADPARMI.....113	CLSFIL.....114	DEFREC.....169
AKCROW.....112	CMBACAL.....144	DEFSET.....134
ALLATT.....94	CMBALI.....113	DEFTOT.....230
ALLENT.....157	CMBEKW.....145	DEL1PDF.....371
ALLKEY.....259	CMBENT.....37	DELAC.....279
ALLOC	CMBOA.....144	DELACAL.....282
ALLREL.....159	CMBRKW.....183	DELACKW.....280
ALLVIEW.....225	CMPMOD.....38	DELACNM.....308
ALTALI.....12	COBINDN.....2	DELASM.....360
ALTATT.....13	COCLOSE.....4	DELASM1.....333
ALTCARD.....52	COCOF.....8	DELASM2.....336
ALTDOM.....19	COCOM.....10	DELAUC.....307
ALTDFT.....48	CODFINN.....102	DELAUCK.....359
ALTENT.....14	COERMSG.....2	DELAUCL.....340
ALTMAP.....20	COEXEC.....2	DELCMPR.....67
ALTMOD.....21	COFETCH.....44	DELCPRC.....366
ALTREL.....35	COLOGOF.....4	DELDAA1.....239
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ATTKW.....88	COMMIT.....10	DELDBA1.....353
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DELDDBS1.....237	DELRCST.....342	DRPMIG.....82
DELDDBST.....272	DELREUS.....161	DRPMOD.....286
DELDFL1.....2	DELRKIM1.....273	DRPRCE.....326
DELDFL2.....250	DELRKIM2.....251	DRPREC.....171
DELDFL3.....356	DELRKIM3.....357	DRPREL.....323
DELDIV.....315	DELRYK1.....300	DRPSET.....204
DELDOM.....312	DELRYK2.....338	DRPSMAP.....50
DELDLS1.....354	DELRSST2.....275	DRPVIEW.....247
DELDLS2.....293	DELRSST3.....274	DTUSAGE.....74
DELDLS3.....302	DELRTY2.....208	ENTKW.....87
DELDT.....104	DELSDF1.....335	ERRPRO
DELDTD.....281	DELSDF2.....329	ERRRPT.....2
DELDTNO.....311	DELSDF3.....304	EXCFLAG.....37
DELEC.....327	DELSEC.....316	EXIT
DELECAL.....313	DELSECR.....314	EXPRCLT
DELECKW.....350	DELSN1.....202	EXPRLT.....226
DELECNM.....289	DELSTM1.....299	FCLOSE
DELIASM.....176	DELSTM2.....241	FCOPATT.....116
DELIAUC.....339	DELSTM3.....303	FCOPENT.....119
DELIAUK.....374	DELTEXT.....373	FILEINS.....277
DELIPDF.....137	DELTXT.....277	FINDDOM.....49
DELIRCS.....175	DEPAT.....217	FMTIAUC.....213
DELISS1.....301	DEPENT.....187	FND1MEM.....177
DELISS2.....328	DEPFROM.....147	FNDACM.....346
DELKC.....41	DEPREL.....256	FNDASA.....138
DELKCM.....66	DESCRB.....205	FNDASM.....105
DELKCM.....389	DLLDSL2.....276	FNDAUC.....248
DELKW.....320	DLMDAUC.....363	FNDECM.....345
DELKWAC.....318	DLMIGRC.....365	FNDOAC.....288
DELKWEC.....319	DOMUSAG.....310	FNDRCM.....50
DELKWRC.....341	DPKCLST.....218	FREE
DELMDKC.....374	DRPAC.....23	FRTOREL.....111
DELMDR.....375	DRPALI.....246	GDATA
DELMIGK.....40	DRPATT.....244	GENAKW.....116
DELMOD.....286	DRPDB.....170	GENALI.....151
DELMTKC.....44	DRPDF.....290	GENALT1.....259
DELOAC.....278	DRPDIV.....283	GENALTE.....148
DELOACE.....362	DRPDOM.....245	GENATT.....116
DELOWAC.....278	DRPDT.....74	GENDESC.....146
DELPBC.....372	DRPENT.....248	GENEKW.....221
DELPDFT.....343	DRPFLD.....203	GENENT.....221
DELPDI.....247	DRPKC.....24	GENENT1.....113
DELRBR1.....334	DRPKW.....30	GENOA.....221
DELRBR2.....305	DRPKWC.....284	GENREL.....193
DELRBR3.....337	DRPMAP.....285	GENRKW.....193
DELRC.....347	DRPMGKM.....40	GENRNME.....183
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GETCHAR	INSMOD.....164	OLOGOF
GETDBST.....172	INSOAC.....69	OLON
GETDOM.....260	INSPCB.....265	OOPEN
GETDRT.....207	INSPDF.....139	OPNFIL
GETEICAL.....313	INSPDI.....225	OPNFRM
GETECNM.....158	INSPSB.....264	OROL
GETECS.....36	INSPWRD.....229	OSQL3
GETGLOB.....198	INSRC.....166	P1FROM.....225
GETMAPC.....78	INSRCRS.....178	PDATA
GETNCHR.....306	INSREUS.....10	PDFDB.....371
GETNNUM.....126	INSRKEY.....269	PDFDF.....358
GETNXNO.....126	INSRKRM.....298	PDFREC.....292
GETRCID.....89	INSRSET.....252	PDFSRCH.....344
GETRCNM.....89	INSRTYP.....199	PMFROM.....226
GETRDH.....198	INSSCH.....232	PMSGLS
HALT.....287	INSSDFL.....267	PNOFROM.....226
ICOPATT.....115	INSSEC.....195	PRCCMD.....1
ICOPENT.....93	INSSECR.....227	PRINTF
INDFROM.....149	INSSTM.....173	PROCDT.....33
INITCMD	KEYLOOK.....156	PUTC
INITEX	LOADESC.....205	RACKW2.....88
INITFP	LOGOFF	RCCHEK.....349
INITRDL	LOGON	RCCHEK1.....370
INITSES.....3	LOWUPP.....12	RDDESC.....242
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INSACNM.....124	MAPASET.....140	RELKW.....89
INSAREA.....263	MAPRC.....138	REMVIEW.....196
INSAUC.....181	MIGREL.....213	RENAME.....325
INSAUCS.....180	MKRNLST.....81	RETACKW.....88
INSCRC.....141	MRGMOD.....324	RETECKW.....87
INSDAA.....200	MRGMOD1.....368	RETRAC1.....59
INSDB.....228	MRGMOD2.....378	RETRACP.....88
INSDFLD.....235	MRGNODE.....369	RETRCKW.....89
INSDI.....262	NDDL/MAIN.....1	RETREC1.....38
INSDOM.....127	NEXTKC.....148	RETRECP.....56
INSDSL.....253	NEXTKCM.....148	ROLBACK.....5
INSDT.....135	NRGET.....126	RPLFRM
INSEC.....128	NRSTORE.....355	RRCKW2.....89
INSECNM.....125	OBINDN	SELACNM.....364
INSIAUC.....182	OCLOSE	SELECNM.....147
INSISS.....234	OCOF	SELIAUC.....213
INSKC.....71	OCOM	SELIKEY.....223
INSKCM.....101	ODFINN	SELRCNM.....111
INSKW.....31	OERMSG	SELRSET.....330
INSKWAC.....46	OEXEC	SELSTM.....331
INSKWEC.....47	OFETCH	SMVIEW.....260
INSKWRC.....32	OISCR	SPRINTF

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STRCAT	VERDSTP.....61
STRINS.....306	VERDSTX.....61
STRLEN	VERDT.....103
STRNCMP	VERDTD.....49
STRNCPY	VERENT.....14
TERMFPI	VERKC.....24
TERMSSES.....4	VERKW.....284
TLOOPCK.....110	VERKWE.....145
TOLOWER	VERKWR.....183
TOPNODE.....158	VERMOD.....21
TOUPPER	VERNMA.....12
TRMNDML	VERNME.....12
TXTTYP.....205	VEROAC.....42
UERROR.....3	VEROBJ.....91
UPDAC.....29	VERPDF.....49
UPDACL.....16	VERPSB.....231
UPDACNM.....387	VERRC.....80
UPDECAL.....28	VERRCBS.....180
UPDECNM.....386	VERRCC.....323
UPDIND.....75	VERRCMP.....138
UPDMNAM.....392	VERRCNM.....147
UPDMOD.....21	VERRCST.....321
UPDNXNO.....126	VERREL.....80
UPDRCNM.....380	VERRELS.....196
UPDTDOM.....393	VERRK.....236
UPDTDT.....76	VERRKM.....270
UPDTKW.....391	VERRSET.....134
UPDTRC.....53	VERRT.....169
UPDVIEW.....394	VERSDT.....48
UWARN.....7	VERSMS.....180
VERACDT.....245	VERTYP.....103
VERACNM.....90	VERUDTN.....117
VERALI.....113	VERVIEW.....133
VERAREA.....230	VOMAPS.....140
VERASM.....344	WRTACKW.....150
VERATT.....13	WRTALI.....115
VERAUC.....51	WRTANAM.....220
VERCRC.....24	WRTDESC.....185
VERDB.....168	WRTDSC4.....118
VERDBAS.....170	WRTECKW.....155
VERDF.....212	WRTENAM.....120
VERDFDT.....310	WRTLIN.....58
VERDFLD.....211	YYERROR.....27
VERDI.....91	YYLEX
VERDIDT.....310	YYPARSE.....15
VERDOM.....19	
VERDSL3.....240	

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3.11 Program Listings Comments

This information is contained in the Module Descriptions in section 3.10.

SECTION 4

QUALITY ASSURANCE PROVISIONS

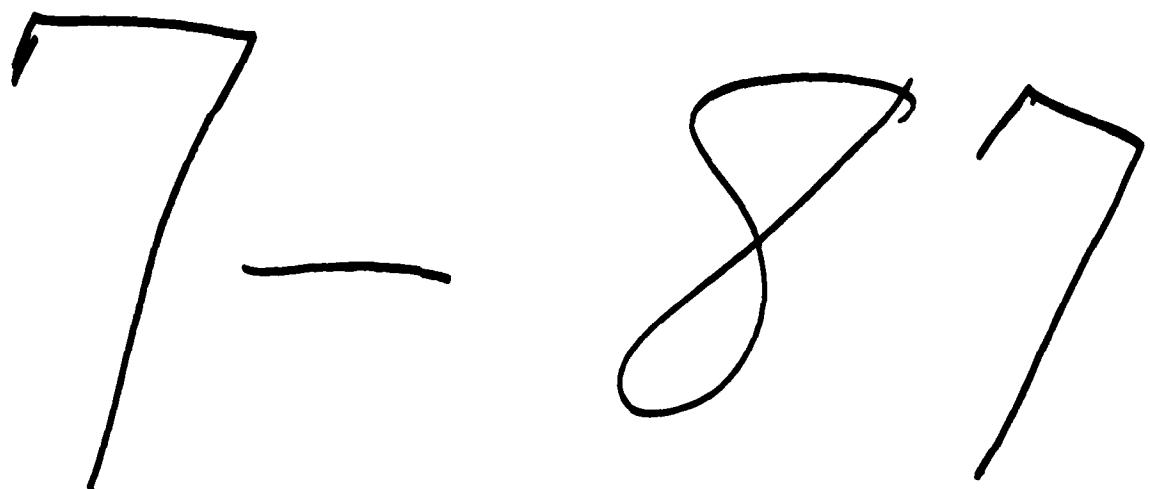
4.1 Introduction and Definitions

"Testing" is a systematic process that may be preplanned and explicitly stated. Test techniques and procedures may be defined in advance, and a sequence of test steps may be specified. "Debugging" is the process of isolation and correction of the cause of an error.

"Antibugging" is defined as the philosophy of writing programs in such a way as to make bugs less likely to occur and when they do occur, to make them more noticeable to the programmer and the user. In other words, as much error checking as is practical and possible in each routine should be performed.

4.2 Computer Programming Test and Evaluation

The quality assurance provisions for test consists of the normal testing techniques that are accomplished during the construction process. They consist of design and code walk-throughs, unit testing, and integration testing. These tests are performed by the design team. Structured design, design walk-through and the incorporation of "antibugging" facilitate this testing by exposing and addressing problem areas before they become coded "bugs."



A hand-drawn sketch of the word "DTIC". The letters are drawn in a cursive, rounded style. The 'D' is a large circle with a vertical stroke. The 'T' has a diagonal crossbar. The 'I' is a single vertical line. The 'C' is a large circle with a horizontal stroke.